SECURITY CLASSIFICATION OF THIS PAGE (When Date Entered)	1 ps (8)
REPORT DOCUMENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER 2. GOV 200 5510 N. NO. AD-A090 938	RESIDIENT'S CATALOG NUMBER
4. TITLE (end Substile) Phase I Inspection Report Mill Pond Dam	5. TYPE OF REPORT & PERIOD COVERED Phase I Inspection Report National Pam Safety Program
Lake Champlain Basin, Essex County, New York Inventory No. 368	6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(*) George Koch	DACW-51-79-C-0001
9. PERFORMING ORGANIZATION NAME AND ADDRESS New York State Department of Environmental Conservation 50 Wolf Road Albany, NY 12233	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS New York State Department of Environmental Conservation/ 50 Wolf Road Albany, New York 12233	12. REPORT DATE 28 August 1980 13. NUMBER OF PAGES
14. MONITORING AGENCY NAME & ADDRESS(II different from Controlling Office) Department of the Army 26 Federal Plaza/ New York District, Coff New York, New York 10007	UNCLASSIFIED ISA. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; Distribution unlimited.

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

THIS DOCUMENT IS BEST QUALITY PRACTICABLE. THE COPY FUPNI SUPD TO DOC CONTAINED A THE COPY FURNITATION TO DOUGUES WHICH DO SOT

19. KEY WORDS (Continue on registration of necessary and identity by block number)

Bam Safety
National Dougle State of the continue of the state of the state

National Dam Safety Program

Visual Inspection

Hydrology, Structural Stability

Mill Pond Dam Essex County Lake Champlain Basin

20. ABSTRACT (Continue on reverse side if necessary and identify by block number,

This report provides information and analysis on the physical condition of the dam as of the report date. Information and analysis are based on visual inspection of the dam by the performing organization.

Examination of available documents and a visual inspection of the dam did not reveal conditions which constitute an immediate hazard to human life or property.

EDITION OF 1 NOV 65 IS OBSOLETE

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

SECURITY CLASSIFICATION OF THIS PAGE(When Date Entered)

Several deficiencies were noted and these should be corrected within 6 months of the date of final approval of this report. Among the actions which should be taken are refilling the cribs which are missing material, repair of displaced timbers on the downstream face, replace broken timbers, repair of the valve on the drain, and repair of the spalling concrete on the wingwall which extends downstream of the north abutment. In addition, a detailed emergency action plan and warning system should be developed.

This dam does not have sufficient spillway capacity to adequately discharge the peak outflow from one-half the PMF. The analysis indicates that the dam would be overtopped by all storms exceeding 15% of the PMF. However, the structural stability analysis indicates that the dam would be stable when subjected to the PMF storm event. Therefore, the spillway is assessed as being inadequate.

The water surface level for either the PMF or one-half the PMF would result in flow around the northern end of the concrete wingwall which extends from the abutment of the dam. An accurate topographic survey should be performed where this end around flow is likely to occur. This survey should be completed within 6 months and modifications necessary to prevent the adverse effects of this flow should be made within 12 months.

LAKE CHAMPLAIN BASIN

MILL POND DAM

ESSEX COUNTY NEW YORK INVENTORY NO. N.Y. 368

PHASE I INSPECTION REPORT

NATIONAL DAM SAFETY PROGRAM,

Mill Pand Dam (Inventory Number NY368),

Lake Champlain Basin, Essex County,

New York.

Phase I Inspection

Reports

(15) [DACW51-79-C-4041] (10) George/Koch | (11) 28 Aug 80)

NEW YORK DISTRICT CORPS OF ENGINEERS

10FA 1280

80 10 29 035₄

DISCLAIMER NOTICE

THIS DOCUMENT IS BEST QUALITY PRACTICABLE. THE COPY FURNISHED TO DTIC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.

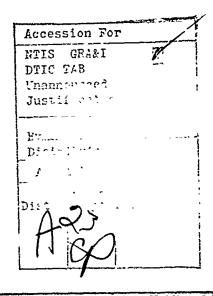
PREFACE

This report is prepared under guidance contained in the Recommended Guidelines for Safety Inspection of Dams, for Phase I Investigations. Copies of these guidelines may be obtained from the Office of Chief of Engineers, Washington, D.C. 20314. The purpose of a Phase I Investigation is to identify expeditiously those dams which may pose hazards to human life or property. The assessment of the general condition of the dam is based upon available data and visual inspections. Detailed investigation, and analyses involving topographic mapping, subsurface investigations, testing, and detailed computational evaluations are beyond the scope of a Phase I Investigation; however, the investigation is intended to identify any need for such studies.

In reviewing this report, it should be realized that the reported condition of the dam is based on observations of field conditions at the time of inspection along with data available to the inspection team. In cases where the reservoir was lowered or drained prior to inspection, such action, while improving the stability and safety of the dam, removes the normal load on the structure and may obscure certain conditions which might otherwise be detectable if inspected under the normal operating environment of the structure.

It is important to note that the condition of a dam depends on numerous and constantly changing internal and external conditions, and is evolutionary in nature. It would be incorrect to assume that the present condition of the dam will continue to represent the condition of the dam at some point in the future. Only through frequent inspections can unsafe conditions be detected and only through continued care and maintenance can these conditions be prevented or corrected.

Phase I inspections are not intended to provide detailed hydrologic and hydraulic analyses. In accordance with the established Guidelines, the Spillway Test flood is based on the estimated "Probable Maximum Flood" for the region (greatest reasonably possible storm runoff), or fractions thereof. Because of the magnitude and rarity of such a storm event, a finding that a spillway will not pass the test flood should not be interpreted as necessarily posing a highly inadequate condition. The test flood provides a measure of relative spillway capacity and serves as an aide in determining the need for more detailed hydrologic and hydraulic studies, considering the size of the dam. its general condition and the downstream damage potential.



PHASE I INSPECTION REPORT
NATIONAL DAM SAFETY PROGRAM
MILL POND DAM
I.D. NO. N.Y. 368
LAKE CHAMPLAIN RIVER BASIN
ESSEX COUNTY, NEW YORK

TABLE OF CONTENTS

		PAGE
-	ACSESSMENT	-
-	OVERVIEW PHOTOGRAPH	-
1	PROJECT INFORMATION	1
1.1	GENERAL	1
1.2	DESCRIPTION OF PROJECT	1
1.3	PERTINENT DATA	2
2	ENGINEERING DATA	4
2.1	GEOTECHNICAL DATA	4
2.2	DESIGN RECORDS	4
2.3	CONSTRUCTION RECORDS	4
2.4	OPERATION RECORD	4
2.5	EVALUATION OF DATA	4
3	VISUAL INSPECTION	5
3.1	FINDINGS	5
3.2	EVALUATION OF OBSERVATIONS	6
4	OPERATION AND MAINTENANCE PROCEDURES	7
4.1	PROCEDURE	7
4.2	MAINTENANCE OF DAM	7
4.3	WARNING SYSTEM IN EFFECT	7
1 1	FVALHATION	7

		PAGE NO	<u>).</u>
5	HYDROLOGIC/HYDRAULIC	8	
5.1	DRAINAGE AREA CHARACTERISTICS	8	
5.2	ANALYSIS CRITERIA	8	
5.3	SPILLWAY CAPACITY	8	
5.4	RESERVOIR CAPACITY	8	
5.5	FLOODS OF RECORD	8	
5.6	OVERTOPPING POTENTIAL	9	
5.7	EVALUATION -	9	
5	STRUCTURAL STABILITY	10	
6.1	EVALUATION OF STRUCTURAL STABILITY	10	
7	ASSESSMENT/RECOMMENDATIONS	11	
7.1	ASSESSMENT	11	
7.2	RECOMMENDED MEASURES	11	
APPE	NDIX		
Α.	PHOTOGRAPHS		
В.	VISUAL INSPECTION CHECKLIST		
C.	HYDROLOGIC/HYDRAULIC ENGINEERING DATA AND COMPUTATIONS		
D.	STRUCTURAL STABILITY ANALYSES		
Ε.	REFERENCES		

F.

DRAWINGS

PHASE I INSPECTION REPORT NATIONAL DAM SAFETY PROGRAM

Name of Dam:

Mill Pond Dam (I.D. No. NY 368)

State Located:

New York

County Located:

Essex

Watershed:

Lake Champlain Basin

Date of Inspection:

April 16, 1980

ASSESSMENT

Examination of available documents and a visual inspection of the dam did not reveal conditions which constitute an immediate hazard to human life or property.

Several deficiencies were noted and these should be corrected within 6 months of the date of final approval of this report. Among the actions which should be taken are refilling the cribs which are missing material, repair of displaced timbers on the downstream face, replace broken timbers, repair of the valve on the drain, and repair of the spalling concrete on the wingwall which extends downstream of the north abutment. In addition, a detailed emergency action plan and warning system should be developed.

This dam does not have sufficient spillway capacity to adequately discharge the peak outflow from one-half the PMF. The analysis indicates that the dam would be overtopped by all storms exceeding 15% of the PMF. However, the structural stability analysis indicates that the dam would be stable when subjected to the PMF storm event. Therefore, the spillway is assessed as being inadequate.

The water surface level for either the PMF or one-half the PMF would result in flow around the northern end of the concrete wingwall which extends from the abutment of the dam. An accurate topographic survey should be performed where this end around flow is likely to occur. This survey should be completed within 6 months and modifications necessary to prevent the adverse effects of this flow should be made within 12 months.

George Koch

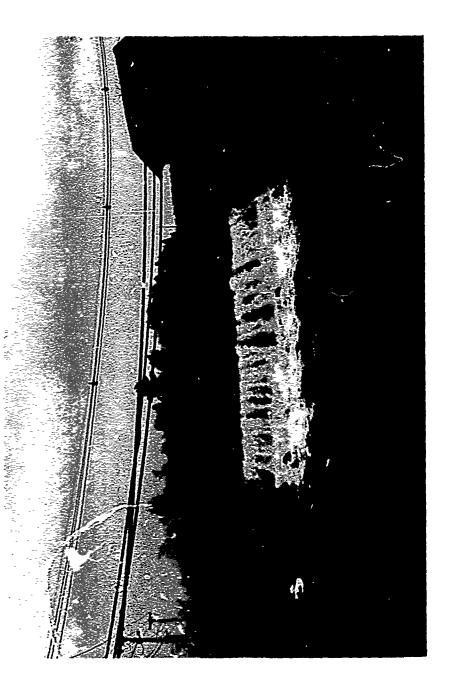
Chief, Dam Safety Section New York State Department

of Environmental Conservation

Koch

NY License NO. 45937

Approved By:	aull
	Col. W. M. Smith Jr./ New York District Engineer
	·
Date:	28 AUG 1980



OVERVIEW Mill Pond Dam I.D. No. NY 368

PHASE I INSPECTION REPORT NATIONAL DAM SAFETY PROGRAM MILL POND DAM I.D. NO. NY 368 #201C-4289 LAKE CHAMPLAIN BASIN ESSEX COUNTY. NEW YORK

SECTION 1: PROJECT INFORMATION

1.1 GENERAL

a. Authority

The Phase 1 inspection reported herein was authorized by the Department of the Army, New York District, Corps of Engineers, to fulfill the requirements of the National Dam Inspection Act, Public Law 92-367.

b. Purpose of Inspection

This inspection was conducted to evaluate the existing conditions of the dam, to identify deficiencies and hazardous conditions, to determine if these deficiencies constitute hazards to life and property, and to recommend remedial measures where required.

1.2 DESCRIPTION OF PROJECT

a. Description of Dam

The Mill Pond Dam in Lake Placid is a structure composed of hemlock timber cribs, a gatehouse, and concrete walls extending beyond both ends of the dam.

The dam itself is 136 feet long and a maximum of 17.5 feet high. A steel sheet pile wall acts as a cutoff beneath the dam. The timber cribs are filled with cobbles and boulders and hemlock planks cover the cribs. The concrete walls extend 150 feet west from the southern end of the dam and 100 feet north beyond the gatehouse on the northern end.

The spillway consists of two steps and is located in the center of the dam. The lower level is 57 feet long. The second level is stepped 1.5 feet above the first and is a total of 92.5 feet long. The gatehouse at the northern end of the dam contains the control mechanism for a valve which regulates flow at the reservoir drain inlet, an 84 inch diameter steel. A 42 inch diameter reinforced concrete pipe forms the outlet to this pipe.

b. Location

The dam is located on the Chubb River within the limits of the Village of Lake Placid. Railroad Street (also known as Averyville Road) runs adjacent to the structure and NY Route 73 is approximately 1000 feet downstream of the dam.

c. Size Classification
The dam is 18 feet high and has a maximum storage capacity of 266 acre-feet.
Therefore, the dam is in the small size category as defined by the

"Recommended Guidelines for Safety Inspection of Dams."

d. Hazard Classification

The dam is classified as "high" hazard due to the presence of several commercial establishments, an apartment building and a state highway located several thousand feet downstream of the dam.

e. Ownership

The dam is owned by the Village of Lake Placid, New York. Mr. John Barry a village trustee was contacted concerning the inspection. His telephone number is (518)523-2597.

f. Purpose of Dam

The dam is used to maintain the water surface of the Mill Pond for recreational purposes.

g. Design and Construction History

The dam as it now exists was constructed in 1978. It replaced another dam at this location which failed a number of years ago. Only the reservoir drain and gate house from the old structure were incorporated into the reconstructed dam. The new structure was designed by Spencer Thew, consulting engineer from Canton, New York

h. Normal Operating Procedures

There are no regular operating procedures for this structure.

1.3 PERTINENT DATA

a. Drainage Area (sq. mi.)	40.05
b. Discharge at Dam	Water Surface @:(cfs)
Spillway	Elev. 1729.44 2522
Spillway	Elev. 1725.5 276
Reservoir Drain - 42" pipe	Elev. 1725.5 208

c.	Elevations (USGS Datum)	
	Top of Dam	1729.44
	Top Step of Spillway	1725.50
	Spillway Crest	1724.0
	Invert of Drain (inlet)	1714.0

d. Reservoir-Surface Area (acres)	
Top of Dam	28
Top Step of Spillway (Elev. 1725.5)	25
Spillway Crest (Elev. 1724)	22

e. Storage Capacity (acre-feet)	
Top of Dam	266
Top step of spillway	137
Spillway Crest	88

f. Dam

Timber crib dam composed of hemlock timbers which are filled with cobbles and boulders.

Dam length (ft):	137
Crest width (ft):	11

<u>à. Spillway</u>
Type - Two level overflow section in the center of timber cribs

Length (ft) Lower level . Upper level-total 57 92.5

h. Reservoir Drain

Type: 84 inch steel conduit with a valve at upstream end. Conduit connects with a 42 inch reinforced concrete pipe which forms the outlet.

Appurtenant Structures

- 1. Gatehouse Rectangular building 17 ft. by 24 ft.; contains control mechanism for the reservoir drain
- 2. Concrete Walls 2 walls-one extending from each end of structure Wall at southern end is average of 8 feet high and extends 150 feet to the west. Wall at northern end is about 4 feet and extends northerly 100 feet beyond gatehouse.

SECTION 2: ENGINEERING DATA

2.1 GEOTECHNICAL DATA

a. Geology

The Mill Pond Dam is located in the high peaks section of the Adirondack Highlands physiographic province of New York State. The rock in this area dates from the Precambrian era. It has been intensely metamorphosed by heat, pressure, folding and faulting. Surface features of the rock reflect the effects of glaciation. A-review of the "Brittle Structures Map of the State of New York" indicated that there are no faults in the immediate vicinity of the dam.

The surficial soils are the result of glaciations during the Cenozoic Era. the last of which was the Wisconsin glaciation.

b. Subsurface Investigations

Two borings were progressed at the site of this dam to provide subsurface information for the design. These holes indicated that the subsurface conditions consist of several feet of miscellaneous fill material underlain by sand and gravel. Logs from the two drill holes have been included in Appendix F.

2.2 DESIGN RECORDS

This dam was designed in 1977 by Spencer Thew, Consulting Engineer. Plans and other design information was available. Copies of selected sheets from the plans and a copy of the application for permit for the reconstruction of the dam have been included in Appendix F.

The designer of this structure made an error in delineating the drainage area and based the design on a drainage area of 16.55 square miles. As a result, the inflows for which the dam was designed were much smaller than the values which were calculated for this report.

2.3 CONSTRUCTION RECORDS

A set of as-built plans for the structure was available. In addition, reports from several inspections conducted by state officials during the construction were also available.

2.4 OPERATION RECORDS

No operation records are known to exist for this dam.

2.5 EVALUATION OF DATA

The data presented in this report was obtained from the Department of Environmental Conservation files and from a 1979 report titled "Hydroelectric Feasibility Study, Chubb River Sites", prepared by O'Brien & Gere Engineers, Inc. for the New York State Energy Research and Development Authority. The information available appeared to be adequate and reliable for Phase 1 inspection purposes.

SECTION 3: VISUAL INSPECTION

3.1 Findings

a. General

Visual inspection of the Mill Pond Dam was conducted on April 16, 1980. The weather was overcast and the temperature was in the thirties. At the time of the inspection, water was flowing over the spillway at a depth of approximately 0.75 feet.

b. Dam

This dam was in satisfactory condition. However, several deficiencies were noted. Among these deficiencies were cribs that were not completely filled with stone and some displaced timbers on the downstream face.

The backfill in the cribs has been a maintenance problem since the dam was constructed in 1978. The cribs were originally filled with bank run gravel. Much of this material washed out during the initial filling of the pond. Additional quantities washed out each year. Each year cobbles and crushed stone are put into the cribs to replace the material which has washed out. Last year, 40 tons of stone was put into the cribs. At the time of the inspection, a number of cribs needed additional backfill material.

There were several timbers on the downstream face which had been displaced. One timber had come out of the crib and was at the base of the dam. Other timbers had displaced into the crib. There were also several broken planks on the second level of the timber cribs in the spillway.

c. Spillway

The spillway consisted of a two level channel section in the center of the dam. The tops of the cribs across the entire length of the dam were covered with hemlock planks. In the spillway section, water flowed across the planks and plunged onto the bottom level of cribs, whose tops had been left uncovered. With the exception of the backfilling problems, displaced logs, and broken planks previously mentioned, the spillway was in satisfactory condition.

d. Reservoir Drain

Visual observations of the reservoir drain were limited to an inspection of the outlet pipe. The valve is reported to be operational and was opened approximately 6 inches at the time of the inspection. Mr. Barry said that the valve will not close completely so there is always some flow through the conduit.

e. Concrete Walls

The concrete walls which extend from each end of the structure were in satisfactory condition. The wall at the southern end of the dam was constructed in 1978 and was in good condition. The wall which extends from the northern end of the dam consists of about 2.5 feet of new concrete on top of an existing wall. This entire wall extends for approximately 100 feet to the north and is in satisfactory condition. The wall terminates at this point but the top is several feet above the existing ground surface. As a result, the water could flow around the end of this wall before it would overtop the dam.

f. Gatehouse

The gatehouse was in satisfactory condition. It was being reconstructed and might be converted into a museum in the future.

g. Downstream Channel

The channel downstream of the dam contains large boulders, cobbles and gravel. A pool was formed immediately downstream of the dam in 1979 by excavating the gravel which had washed through the cribs. This pool helped to dissipate energy in the channel.

There was a wingwall which extended from the north abutment for about 20 feet along the channel. The concrete on this wall was spalling and deteriorated.

3.2 Evaluation of Observations

Visual inspection revealed several deficiencies on this structure. The following items were noted:

- 1. Several of the cribs were not completely filled with stone.
- 2. Some timbers on the downstream face were displaced.
- 3. The valve on the reservoir drain could not be closed completely.
- 4. The concrete wall at the northern end of the dam is not long enough to prevent water from flowing around the end of the structure.
- 5. The concrete on the wingwall which extended downstream from the north abutment was spalling and deteriorated.
- 6. Several broken planks on the second level of cribs.

SECTION 4: OPERATION AND MAINTENANCE PROCEDURE

4.1 PROCEDURES

There are no regular operation procedures for this dam.

4.2 MAINTENANCE OF DAM

Routine maintenance on the dam is performed by the Village of Lake Placid. The Village has an annual maintenance program which includes refilling the cribs, replacing any damaged timbers, and making other minor repairs as required.

4.3 WARNING SYSTEM IN EFFECT

No apparent warning system is present.

4.4 EVALUATION

The operation and maintenance procedures for this dam appear to be satisfactory.

SECTION 5: HYDROLOGIC/HYDRAULIC

5.1 DRAINAGE AREA CHARACTERISTICS

Delineation of the watershed for Mill Pond was made using the USGS 7.5 minute quadrangles for Lake Placid, Saranac Lake, and Ampersand Lake, New York. The drainage area for this dam is 40 square miles.

The northern portion of the drainage basin is dominated by Lake Placid. Mountain peaks rising up to 4800 feet form the outer limits of the drainage area. The slopes are generally steep throughout the watershed.

5.2 ANALYSIS CRITERIA

For the purposes of this analysis, the drainage area was divided into three subbasins. The first subbasin consisted of 20.89 square miles of forest and lake which make up the watershed to Lake Placid. The runoff from this basin was then routed through the dam on Lake Placid, taking the storage capacity in the lake into account. The time of concentration for this basin was then adjusted to account for the time it takes the water to reach Mill Pond. The second subbasin was a 3.87 square mile watershed immediately upstream of Mill Pond. The third subbasin consisted of 15.29 square miles which form the drainage area for the main branch of the Chubb River.

The analysis of the floodwater retarding capability of this dam was performed using the Corps of Engineers HEC-I computer program, Dam Safety version. This program develops an inflow hydrograph using the "Snyder Sunthetic Unit Hydrograph" method and then uses the "Modified Puls" flood routing procedure. The spillway design flood selected was the Probable Maximum Flood (PMF) in accordance with the Recommended Guidelines of the U.S. Army Corps of Engineers.

5.3 SPILLWAY CAPACITY

The spillway is located in the center of the dam. The spillway was analyzed as a broad crested weir consisting of two segments, each with discharge coefficients (c) ranging from 2.65 to 2.8. The computed discharge capacity of the spillway with the water surface at the top of the dam is 2522 cfs.

The discharge capacity of the drain was not included since the valve on this conduit is normally closed.

5.4 RESERVOIR CAPACITY

Storage capacity of the reservoir between the spillway crest and the top of the dam is 178 acre-feet, which is equivalent to a runoff depth of 0.1 inches over the entire 40 square mile drainage area. The total storage capacity of Mill Pond is 266 acre-feet. Lake Placid is the dominant feature of the northern subbasin of the watershed. It provides a substantial amount of storage which reduces the peak flows at the Mill Pond Dam.

5.5 FLOODS OF RECORD

No accurate information was available regarding the maximum known flood

at this structure. Mr. Barry indicated that the highest water surface in the pond was up to the middle of the top crib (approximately elevation 1727.5). The computed discharge for this water level is approximately 1200 cfs.

5.6 OVERTOPPING POTENTIAL

Analysis using the Probable Maximum Flood (PMF) and one-half the PMF indicates that the dam does not have sufficient spillway capacity. For a PMF peak outflow of 15,617 cfs, the dam would be overtopped to a depth of 5.03 feet. For the peak outflow from one-half the PMF of 7,616 cfs, the depth of overtopping would be 2.41 feet.

5.7 EVALUATION

Using the Corps of Engineer's screening _..iteria for initial review of spillway adequacy, it has been determined that the dam would be overtopped by all storms exceeding 15% of the PMF inflow. However, the structural stability analysis performed for this structure indicates that the dam would be stable when subjected to the PMF storm event. Therefore, the spillway is assessed as being inadequate.

Because the ground surface beyond the end of the wall at the northern end of the dam is below the level of the top of the dam, water would flow around the end of the wall during high water conditions. Further investigation of this condition is required.

SECTION 6: STRUCTURAL STABILITY

6.1 EVALUATION OF STRUCTURAL STABILITY

a. Visual Observations
Visual observation of the dam revealed several deficiencies which could affect the stability of the dam. There were some cribs which were missing rock backfill material and several timbers on the downstream face had been displaced. In addition, some of the planks on the spillway section of the dam were broken. Although these deficiencies were observed, the overall vertical and horizontal alignments appeared to be satisfactory.

b. Data Review and Stability Evaluation
This dam is a rock-filled timber crib structure. A stability analysis for the spillway section of the dam was performed using the as-built plans prepared by Spencer Thew, Consulting Engineer. The analysis assumed that the sheet piling was driven as indicated on the plans and was capable of providing passive resistance against sliding. The following conditions were analyzed.

- a. Normal conditions with reservoir level 0.5 feet above spillway crest (elevation 1724.5);
- Reservoir level 0.5 feet above spillway crest with an ice load of 10,000 lb/ft;
- c. PMF, water flowing over the top of dam at a depth of 5.03 feet.

The analyses performed indicate that the factors of safety against overturning and sliding are as follows:

	Coop	Factors of	of Safety Sliding
	Case	Overturning	STIGTING
a.	Reservoir at Elev. 1724.5	17.27	6.27
b.	Same as (a) plus an ice load of 10,000 lb/ft	2.35	2.09
c.	PMF, water at 5.03 feet over top of dam	4.91	2.05
d.	Reservoir at Elev. 1724; with seismic	6.03	4.40

The results of these analyses indicate that the structure is stable. However, the stability analyses performed only checked the overall stability of the structure acting as a mass. It is beyond the scope of this report to assess the integrity of the connections between the individual timber members of the structure and their ability to withstand the forces to which they are subjected.

d. Seismic Stability
This dam is located in Seismic Zone 2. A seismic stability analysis was performed for the structure in accordance with Corps of Engineers guidelines and using a seismic coefficient of 0.10. The analysis indicated acceptable factors of safety for both overturning and sliding.

SECTION 7: ASSESSMENT/RECOMMENDATIONS

7.1 ASSESSMENT

a. Safety

The Phase I inspection of the Mill Pond Dam did not reveal conditions which constitute a hazard to human life or property. However, several deficiencies were noted which should be corrected. Cribs need to be refilled and displaced logs should be repaired. The wingwall downstream of the north abutment should be repaired, since failure of this wall could affect the reservoir drain.

b. Adequacy of Information

The information available for the preparation of this report was considered to be adequate for Phase 1 inspection purposes.

c. Need for Additional Investigations

A topographic survey of the area at the northern end of the dam, especially in the area beyond the end of the concrete wall, should be performed. This survey will provide information concerning the end-around potential for flow in this area.

d. Urgency

The deficiencies noted in the following section should be corrected within 6 months of the date of final approval of this report. The required survey should also be completed within 6 months and necessary modifications to this end of the dam made within 1 year.

7.2 RECOMMENDED MEASURES

- 1. Refill any cribs which are not completely filled with stone.
- 2. Repair the displaced timbers on the downstream face of the dam.
- 3. Repair the valve on the penstock so it will operate properly.
- 4. Make modifications necessary to prevent flood waters from flowing around the northern end of the dam.
- 5. Repair the spalling and deteriorated concrete on the wingwall which extends along the downstream channel from the north abutment.
- 6. Replace broken planks on the spillway section.
- 7. Develop an emergency action plan for notification of downstream residents.

APPENDIX A

是艺术

PHOTOGRAPHS



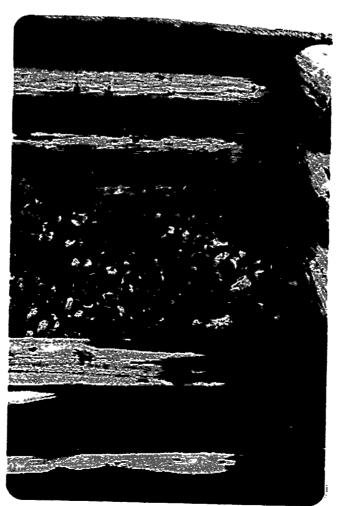
Concrete Wall which Extends from South Abutment



Concrete Wall which Extends from North Abutment



South Abutment of Dam



Sheet Piling Extending Through Upper Spillway Crib on South Abutment



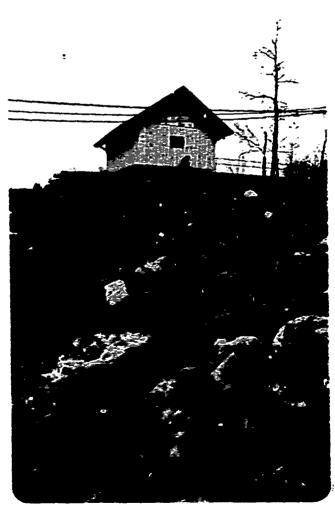
North Abutment, Gatehouse, and Deteriorated Wingwall



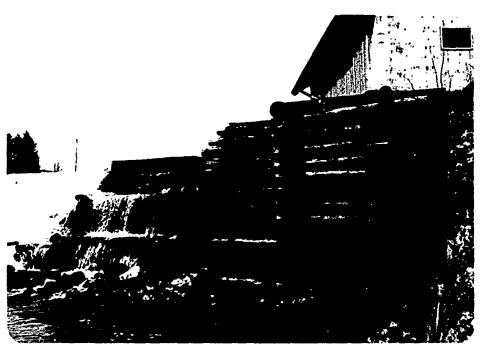
Close-Up View of Deteriorated Wingwall



Stepped Spillway Channel



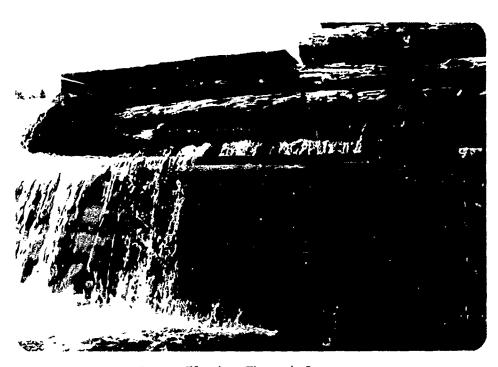
Gatehouse and 42 inch Outlet to Reservoir Drain Conduit



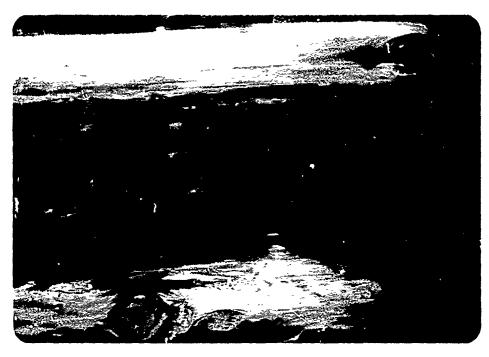
Water Flowing Through Dam and into Lower Cribs



Water Flowing Directly into the Lower Cribs



Water Flowing Through Dam Note Displaced Timber on Lower Crib



Close-Up View of Displaced Timber Shown Above

APPENDIX B

VISUAL INSPECTION CHECKLIST

VISUAL INSPECTION CHECKLIST

1)	Bas	ic Data
	a.	General .
		Name of Dam MILL POND DAM
		Fed. I.D. # N.Y. 368 DEC Dam No. ZCIC-4289
		River Basin LAKE CHAMPLAIN
		Location: Town MARTY ELBR County ESSEX
		Stream Name CKUER RIVER
		Tributary of AUSABLE RIVER
		Latitude (N) 44° 17.0′ Longitude (W) 73° 59′
		Type of Dam TIMBER CRIB WITH CRUSHED STONE BACKFILL
		Hazard Category C
		Date(s) of Inspection 4/16/80
		Weather Conditions 30° OVERCAST & SNOW
		Reservoir Level at Time of Inspection 0.75' ABOVE \$157 STEP OF SALL-CRES
	b.	Inspection Personnel R. WARRENCER W. LYNICH
	c.	Persons Contacted (Including Address & Phone No.) JOHN RARRY VILLAGE
		TRUSTEE LAKE PLACIO, NEW YORK
	đ.	History:
		Date Constructed 1978 Date(s) Reconstructed
		Designer Spencer Thew CANTON NEWYORK
		Constructed By
		Owner V.LLAGE OF LAKE PLACIC

	·c.	Condition of Auxiliary Spillway NONE- POTENTIAL FOR END WROUND
•		EXTREME LEFT OF CONCRETE WALL - (NORTHERN END OF DAM)
		·
	đ.	Condition of Discharge Conveyance Channel Downstream Fool
		FILL ENCROACHMENT FROM LEET (VORTHERY) SICE OF STREAM
		CHANNEL. POOL WAS DEEPENED AFTER GRAVEL FILL WASHED THROUGH
		THE DRM & FILLED DOWNSTREAM CHANNEL - DREDGING WAS USED
		TO REMOVE THIS MATERIAL.
8)	Res	ervoir Drain/Outlet
		Type: Pipe Conduit 7'DIA - Other 42" DIA POPENTENSION THEY NEW SERVEL EBOULLER FILE THEY NEW SERVEL EBOULLER FILE THEY NEW SERVEL EBOULLER FILE THEY SERV
		Material: Concrete Metal STEEL Other Other
		Size: 7'D.omeTER To 42" Length
		Invert Elevations: Entrance Exit
		Physical Condition (Describe): Unobservable
		Material:
		Joints: Alignment
	•	Structural Integrity:
		•
		Hydraulic Capability: Was OPENEL SLIGHTLY & CLOW WAS
		PASSING AT TIME OF INSPECTION
		Means of Control: Gate Valve Uncontrolled
		Operation: Operable Other
	•	Present Condition (Describe): REPORTEL THAT IT IS MCT
		POSSIBLE TO FULLY CLOSE THE GATE

35-

9)	Structural	L

a.	Concrete Surfaces NORTH ROUTMENT - 20" TUP WICTH CONCRETE WALL
a.	Sonie Concrete Cracking & Spalling AT DOWNSTREAM END OFWINGWALL
	NORTH ABUT, WALL HAS NEW CONCRETE CAP 3'HIGH ON FOR DE OLD WALL
	SOUTH ABUTWALL-ENTIRELY NEW - BOTH THESE WALLS ARE IN GOOD SHAPE
b.	Structural Cracking Nove OBSERVED
	·
c.	Movement - Horizontal & Vertical Alignment (Settlement) Nove Nove Nove Nove Nove Nove Nove Nove
· ·	
	<u></u>
d.	Junctions with Abutments or Embankments. NORTH RESTMENT-IRRESULAR
	BACKFILL - HOLES & DEPRESSIONS ALGNIS DOWNSTREAM. ENDER ABUTMENT
	WALL
	SOUTH ABUTMENY-SATISFACTORY
	Drains - Foundation, Joint, Face NoviE
e.	Plans - Toundarion, boint, race
f.	Water Passages, Conduits, Sluices <u>RESERVOIR DRAIN-PASSES THROUGH</u>
	NORTH ABUTMENT
	Comment of the state of the sta
g.	Seepage or Leakage SUBSTANTIAL LEAKAGE THROUGH CRIES-NS
	WOULL BE EXPECTED - AT NORTHERN END SEEPRSE COMES THROUGH
	IST CRIB & PLINISES LITE A SON AT UPSTREAM ENG OF SECOND CRIB
	FLOW HAS REMOVED SOME MATERIAL - SEVERAL CRIBS FIRE MISSING
	BRCHEILL MATERIAL

J	oints - Construction, etc.
_	
_	
F	oundation
_	
_	
A	butments OKAY
_	
7	ontrol Gates Nows
_	
_	
A	pproach & Outlet Channels <u>Setiseactibly</u>
,	
_	
Ε	mergy Dissipators (Plunge Pool, etc.) TIMBER CRIB \$ DEEFENED
_	TAILUNTER POOL
Ι	ntake Structures
_	
S	tability
	·
M	discellaneous FENCING NEONS TOP OF ABUTMENT WALLS IS OHA
_	
_	

3, 2, 1

App	oppurtenant Structures (Power House, Lock, Gatehouse, Other)		
a.	Description and Condition		
	GATEHOUSE - CONTAINS CONTROL MECHANISM		
	FOR RECERVOIR DRAIN VALUE - VILLAGE 15		
	IN THE PROCEES OF RECONSTRUCTING THE OUTSIDE		
	OF THE BULDING - STRUCTURALLY THE BUILDING IS		
	IN GOOD CONDITION		

APPENDIX C

HYDROLOGIC/HYDRAULIC ENGINEERING DATA AND COMPUTATIONS

CHECK LIST FOR DAMS HYDROLOGIC AND HYDRAULIC ENGINEERING DATA

AREA-CAPACITY DATA:

		Elevation (ft.)	Surface Area (acres)	Storage Capacity (acre-ft.)
1)	Top of Dam	1729.44	<u>Z?</u>	2:5
2)	Design High Water (Max. Design Pool)		-	
·3)	Auxiliary Spillway Crest	17-11-3	25	. 5 =
4)	Pool Level with Flashboards	<u> </u>		
5)	Service Spillway Crest	173 7	_22	7:

DISCHARGES

to an income of the case which and the manufacture of the case of

		Volume (cfs)
1)	Average Daily	
2)	Spillway @ Maximum High Water	<u> </u>
3)	Spillway @ Design High Water .	
4)	Spillway @ Auxiliary Spillway Crest Elevation	<u> 2 · ′·</u>
5)	Low Level Outlet 🛷 🤭	2:?
6)	Total (of all facilities) @ Maximum High Water	
7)	Maximum Known Flood	1266

CREST:	1	ELEVATION:
Type:		
Width:	Length:	, <u></u>
Location		
SPILLWAY:		•
PRINCIPAL	•	EMERGENCY
* -, - ; ,	Elevation	1754.3
	Туре	Ç-2, 21
<u> </u>	Width	35 7 1- 1-11
•	Type of Control	
.,,	Uncontrolled	: '
	Controlled:	
	Туре	
	(Flashboards; gate)	
·	Size/Length	
•	Invert Material	
	Anticipated Length of operating service	
	Chute Length	
He	ight Between Spillway Cr	est
	Approach Channel Inver (Weir Flow)	

OUTLET STRUC	TURES/EMERGEN	ICY DRAWDOWN FACIL	.ITIES:	
Type:	Gate	Sluice	Conduit	Penstock
Shape :				
Size: _	`- <u>'</u>	<u> </u>		· · · · · · · · · · · · · · · · · · ·
Elevatio	ons: Entrance	invert	<u> </u>	·
	Exit lav	rert		
Tailrace		evation		
HYDROMETEROI	LOGICAL GAGES:	• :		
Type :	· ·			
				
Records:				
Da	ate			
M	ax. Reading -			
FLOOD WATER	CONTROL SYSTE	EM:	•	
Warning	System:			
		·····	· · · · · · · · · · · · · · · · · · ·	
Method	of Controlled	Releases (mechanis	sms):	
_	•			

RAINAGE A	REA: 4005 (5)4. = 1 =	
RAINAGE B	ASIN RUNOFF CHARACTERISTICS:	
Land U	اse - Type: <u> </u>	
Terrai	n - Relief: San Panaran es	
	ce - Soil: To Read Carriers	
'Runoff	Potential (existing or planned extensive alterations to ex (surface or subsurface conditions)	isting
Potent	cial Sedimentation problem areas (natural or man-made; prese	
Potent	ial Backwater problem areas for levels at maximum storage of including surcharge storage:	apacity:
	Early Kray & Erry Wager Was Son Come	·- , , , =
	Dev	
Dikes	- Floodwalls (overflow & non-overflow) - Low reaches along Reservoir perimeter:	; the
	Location:	
	Elevation:	
Reserv		
	Length @ Maximum Pool	(Miles)
	Length of Shoreline (@ Spillway Crest)	

1.

3 m

JOB		1\ A			Γ				<u> </u>		`									SHE	ër i	١٥.		\neg	СНЕ	CKE	D 8'	Y		DA	TE			
SUB		14	14	<u></u>	٢,	C / '	`` <u>~</u> c	<u> </u>	<u>)</u> <u> </u>	<u> [[],</u>															~~	MPU		- NV	_	DA.				
208	UEC L	יי אין	· 6	r	1	1.5	ے .	1	Н	,	۾ د	():	.,	_		~ 1	n c	, , -	<i>Τ</i> Δ.	- ,	N 1/	<			CO		LU					5/4	7 ^	
\vdash	<u>'</u>	Ť		٦				<u> </u>	<u> </u>	ارز				_		31	·		1/1	<u> </u>	7,/	_						ř	Ī	┝▔		Ü	``	
\vdash							_	-	-			-		_							-	-		Н				_		-		H	-	
M	0 0	IN	A (.	E	A	Ri	A	-	E	17	101		R		/^/			40	1	٦	7	_	1	7			_	-	 	_			-	_
	. 1			_		-			-	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	- 2		7	2	*			1,	•	۲	-	Ψ	• <u>'</u>		•			_			-			
\Box			A	26	A		AA		BE	7	SIL	//\	= /		7	/7		T	101	Ë	1	5,	JA.	2	75	N	7		-	-			\neg	
					-				•					_		` .	`		7	۳			~			Ť			Г					_
					Sυ	B	BA	5.	M	N	0.	T		A	RΕ	D	Ŧ	۸ د	Ю	R 7	H	0	F	D	3 V.									
										-1-3					1			_		<u> </u>														_
									0	RA	11	161	5 €		AA	٤'n		Q	7	L	NH	Ę	P	: A	C	Δ								
						A	RE	A	Ţ	2	٥,	89	S	Ç.	M,																			
Ш																																Ш		
		S	NY	D 6	R		H	1	RO	S R	A	PH		PA	RA	3	£7	Εß	د	-	5	ء, ہ	<u>- e</u>	AS	11			L	_	L		Ш		
Ц								_						L.		L_				L								_		_		Ш	_	
Ц	_			<u>L</u>	=	7.	20	<u>, q</u>	i	_				L	<u> </u>			<u>L</u>	-4	E_	2.	25	n i					L_	_	<u>_</u>		\sqcup	_	
Ш	_		<u>.</u>			ļ.,	Ļ	_	_			Ш			<u> </u>	L			_	Ļ	<u>_</u>	<u> </u>	Ŀ			_		_	_	_		\square	_	
$\vdash \vdash$			ዮሎ	٢	=	16	1.5	8 \	<u> </u>			\square			<u> </u>	_	_	C	/ -	2	17	s é	2	٥.		-		<u> </u>	_	<u> </u>		 		
\sqcup	_			_	_	-		_		_	٩		_		_			_		<u></u>	3	_	_		. ,			_		_				
Щ				++	: [C.		<u> </u>	<u>L</u> c	<u>م</u>		=	2	0	L	7.	٠ .	2	. 2 !	1		=	4.	6	_		15	_	_	<u> </u>				
						_	_	<u> </u>	-		_			_	<u> </u>					 	<u> </u>							-	-	_				
\vdash	_			1	-	1	I	_	4.	21				_				_	-	-	-					_	•		-	-	1			
\vdash				I	=		-	Ξ	5		=:	-	84	-	4	<u> ت</u> ې	7	=	-	1	5	<u>-</u> -	7	Ġ	٠.	F	لل	ار	7	νe	† ₅	\vdash		
\vdash				_	-	-	Ŀ	-	3/	1				<u> </u>	-	_	_	_		-		<u> </u>				-			-	-	_		-	
\vdash		-	_		-	1	-	=4	:61	7		7 %	1	ናስ		Qζ	1	=	Z	-	5	-		-						 		\vdash	-	
-			-	_	-	Ť.	٦٩	 '	401	-	•		٠	50	-	٩	1	_	7	-	2	-						<u> </u>	-	-			\dashv	_
\vdash	IJ	C	#	7	<u></u>	-	2.	7 +2	-	C		ے:	,	/	┝		-			┝	_	-			_	-		-	-	-	_			
Н	7		-	٠) -	۴-	-		 	-		`		<u>^;</u>	-						-	-	-		-				-	-	-	_	┝╌┤		
H			-	=	ن		-	1		-	-		-1	11 6	-	0		7		10		-	_	(2	-	4,	. 1		├─┤	-	
\vdash			\vdash		۲	-	-	-	-	\vdash	-		, ,	-	-	1	<u> </u>	4	F-	کلا	-2	(/)	\vdash	4	2	1	-	- 4	11	1	\vdash	\vdash		
H			-		\vdash	\vdash	G	1	=	10	20	/ ^		-	 	-		2 4	11	-	-	24	7).	-				-	-	-			-	
H					\vdash		7	1		۳		۲				_		<u></u>	<u>'`</u>	 			1		-							$\vdash \vdash$		
					\vdash	1	2	hr	Ξ	1	4	7,						48	1	- -	1	33	9									\sqcap		
					Г			<u> </u>	1	Ι,	_							· · `					L'	-	_							\sqcap	7	
	7	R	<	C	C	=	1	-	0 =		Ξ	,,	7.0	, -	E	8	5	5																
								(7	0.0	7		7 7 2																					_
																																		_
	B	45	:	$\overline{\mathcal{L}}$	S	, ,		2	<u>c</u>	-	Z		;		E	2	2	0.5	9	Ε	4	/.	73			<u>s</u>		40	5	5				
						L.		L	L						Ĺ																			
		L		_	_		L	L	<u> </u>	_					_	L		_		L														
		_		<u> </u>		L	_		L	<u> </u>				<u> </u>	_	L				L		_						L_		L			_	
\sqcup		_	<u></u>	ļ		_	_	1_		<u> </u>	<u> </u>				_	<u> </u>				<u>_</u>	<u> </u>		L.	Ш				_	_	<u> </u>	Ш	\sqcup	_	
Ш		_		<u> </u>	<u> </u>	_	<u> </u> _	<u> </u>	<u> </u>		_			<u> </u>	 	L			_		_	<u> </u>	_					<u> </u>	_	_		\sqcup	_	
		<u> </u>		_	_	<u> </u>	_	<u> </u>	<u> </u>	_	<u> </u>	_		<u> </u> _	<u> </u>	<u> </u>	_	<u> </u>	<u> </u>		_	_	_	Ш	<u>_</u>	_	نـــا			_	Ш	$\vdash \dashv$	_	
		L	L		L		<u></u>	<u></u>	L					<u> </u>	<u> </u>	L		<u> </u>			<u> </u>	L		لبا			لـــا	<u> </u>			لبا			

08		M	: 1	, ;			i	- - 6												SHE	ET N				CHE	CKE	D B	Υ		DA.	TE			
UB	JEC	T													_				لــــ						CO	MPU	TED	ВУ		DA	TE .			┪
	H	٠.	(ζ.	_ (<u>:</u>	:/	/	1:	<i>}</i> `	,	۔' ر	′ ~	($\mathcal{C}_{\mathcal{C}}$	Ti'	f /	7.	· -	- c		5			ŀ	R:	_')		٠	5/°	3	ζC	- }
																													Ī					
7												_															_			Γ				
7	1	, 1.	1.0	7			7	<u></u>	v i	., .	- ,	=	~	• 5		Ē,	e.		7	K 1	تير	<i>;</i>	/ ^	1	^	,	人							
7	 -	<u> </u>			<u> </u>		-	C /		-		-	<u> </u>			<u>`</u>	11.			,,	=		~)	-	-	1	一	-	一	\vdash			
ᅥ		-		一	-	-	-		 	\vdash	-	-				-	-	-	\vdash			-		-	-	-	_	-	-	-	 	-		
┪		-		_	-	-		-	-	-	-	 	-	-	-	-					_				-	-	┝╾	⊢	-	╁	-	-	-	Н
-		┝	-	-	┢─		-		⊢	 	Z	1	-		-		-	-	—	-	-				 	-	-	├一	┝	┢	-		\vdash	
4	-	-								1		-	-	-		112	. ,							- 4		E	Eu	18	61	E				
4		-	-	-	-	-		-		F		-	_			•				F .	EV 1	350			-	-	-	-	-	├	-		 	\vdash
4		├-	-	-	├	-	_		-	-	_	-	<u> </u>	2		•	-3/2					28			-		-	├-	-	├	├			
4		-		_	<u> </u>		_	_	-	 	_	ļ	<u> </u>			_			ļ						<u> </u>		ļ	├	<u> </u>	┝	₩	_	 	
4	_	Ļ		ļ	_			_	<u>_</u>	Ļ		 	<u> </u>	_			<u> </u>									_	<u> </u>	ļ	<u> </u>	├-	<u> </u>		\sqcup	
_	W	ی	R	-	ϵ	E!	-	18	58,	6	7	<u> </u>	L.												_		<u></u>	<u> </u>	<u> </u>	┡	<u> </u>			
4		<u> </u>	-	_	 -				_	<u> </u>	_	بـــل	<u>_</u>	, ,	_	1	L	<u> </u>	_						 	_	<u> </u>	_	<u> </u>	L	 -	_		
4		<u> </u>		<u> </u>	P	= (1	W-	2 7	= 2	1.6	(2)	(,6	7)	_		4.	3	ĊΤ,	5	Ĭ	<u> </u>	5	cf	5	<u> </u>		_	L	<u> </u>	<u> </u>	Ļ	
		<u> </u>		L	Ĺ				<u>_</u>	<u> </u>	L	L	_			L	L_	L							L	L		L	L	L				
		_		L	L				L	L		L	L														L	L		L				
	W.	<u>S,</u>	A7	E	2 ک	1/		18	61	L	L.		L			<u> </u>														L				
																[_							•		,	١,	١,		١,	3				
					0	ے د	:L	H	12	+	2	IZ	,	H ^{zz}	=	2	6	3	1	3/	2	+	(2,	6	13	7	10	2	33	厂				
					1				Π	Γ	Γ			-														Π		Γ	Π	Г		
			Ī				Γ			Π			()	=	47	D	-	-12	6	7	11	13	0	7	c7	S	7		T	BC	0		5	
			П										7									, _		_			Г							
					-											\vdash	<u> </u>									_								
₹) 5	5	1	=	A	ę:	1	0	0 /	1. F	1.)-	F.	_	۲ς:	10	-	-	04	-2-	11	C,	,	,	1	8:	,	0=	1	0	1 É	1	厂		
_	•	 			<u> </u>		-		 `	<u> </u>	Ť	<u> </u>	 	Ì	-		\vdash	-	_			_			134	 `	<u> </u>	一	<u> </u>	~				
-		\vdash	\vdash	P,	O.	1/3	- عر	=	RΕ	k	1/.	1,,	2.	_	7	14	- (216	<i>-</i>		-		_	_		_	一	 		\vdash	\vdash			
_	-	-	\vdash	-	 	<u> </u>	<u> </u>	-	-	†	1/		ے۔	 	-	1	- 3	<u>U</u> ~	-	5				<u> </u>	-		┝	\vdash	-	┢	_	 	 	Н
	_		\vdash	┝	 	7		-	 	 	1	 		 		╁	br	3	7:	2					┢─	-	┢	 	\vdash	╁	╁-	 -	 	Н
-		├	-	-1	├─	 - -	13	\ <u></u>	7 5	13.	R	<u> </u>	2	-	F	 _	63	3	111	2				-	-	-	-	├-	<u> </u>	┢	-	├─	-	
-	-	╀	┢╾	\vdash	-	-	<u> </u>	۲.		17	-	2.4	<u>.</u>	├-	-	┢	1 4	50	14	-	-		-	-	 	├	-	├─	-	╀─	╀─	-	 -	\vdash
	<u> </u>	├	╁	⊢	├	⊢	110	PC	} =	 -	1-	F.V	12	-	-						_			-	-	—	-	 	-	╀	├	├	┼─┤	-
	<u> </u>	\vdash	┢	├	-	├-	⊢	\vdash	╂	╂—	 	-			-	-	L	36	//	-	_			-	<u> </u>	-	_	├	_	├—	╀─	├	├	\vdash
_		├-	├-	⊢	├	 -	├	├-	├—	╂—	├	├-	-	 		├	⊢	├—	├—				_	 	-	<u> </u>	 -	 		├	├	├—	-	-
	_	╀	├	⊢	-	_	<u>_</u>	 - -	 		 -	 	_	<u> </u>		1	_	<u> </u>	-	├~	5 / 2		2 \	1	.	U 7	_	ļ	4	= 7	3	7	1/	
	_	-	├_	├-	150	R	FA	ĻΞ	1 V	ΚĒ	A	1	[]	ELC	W	118	5	<u> </u>	7.4	1.	36			\coprod	11.	7 ^	5/	1×	Į.	F-	<u> </u>	<u> </u>	1.7	
		_	_	<u> </u>	<u> </u>	<u> </u>		<u> </u>	↓_	 _	 	<u> </u>	_	_	_	_	<u> </u>		_	<u> </u>				ļ	<u> </u>	ļ	<u> </u>	<u> </u>	_	Ļ	↓		_	
	_	L	ļ.,	 _	ļ	_	_	 	 	ļ_	ļ.,	<u> </u>	L_	<u> </u>	Ļ	<u> </u>	<u> </u>	_	_				Ļ	_	<u> </u>	<u> </u>	_			↓_	↓_	_	_	
	_	Ļ	1	4.	N	m	7	5/	=	<u> </u>	VA	4	E	<u> </u>	1	EF	7	<i>\</i> '	<u>be</u>	7	0		P:	4	2.77	1 4	AF	=	7	UF	5/	ت	E	
		L	_	L	L		L		<u> </u>	L		L			L	<u> </u>	<u> </u>		L	L				<u> </u>	L		L	L	_		L			
		L		1_	L			=	A	15	3			L	1	3.8	3			L			L		L		L	L		L		L		\sqcup
		L	L		L	M	00	S E		54		4		-		ţ	15							L			L	L		L				
		Ĺ					L	Ŀ		L					13	.6	2.	NS							Ĺ		L			L	L	L		
				Π	Γ					Γ		Γ	Γ		Γ	Γ	Γ	Γ							Γ			Γ		Γ		Γ		
			П		Γ		Γ	Ĩ	Π	Γ	Γ	Π	Π	Π	Γ	Π	Π							Γ	Γ			Π		Γ		Γ	Γ	П
_	Γ-	Π		50	R	EA	2	Ę	A	₹:	1	1	-	E	1	V.	119	7 3	7	E	15	1	A	cf	Ξ	S			Γ	Π				П

1 'J. CT GRID

JOB		M	!/		 ک _{یم}	.,.		0	12	···		-								SHE	ET N	ю. . А			CHE	CKE	D 81	,		DAT	E			_
SUB														_		٠.			<u>_</u>				`	1	CON	RU			1	DAT	E 5	٠	٠.	
┝╌┦	H ~		ے ہے ا	(<u>;</u> ;	Ä	_	_	ر آ		-	Ŝ			277		1 7	<u>, ų</u>	<u>/ /</u>	رد ن ا				\dashv		K	<u>-W</u>	_			$\stackrel{\sim}{\neg}$	<u>ٽ</u> ر	· 1	
\vdash	<	- \	<i>c</i> .			1		2		_			2.00	<u>۔</u>	7		?0	1/6	-					\dashv	\dashv							+	\dashv	
\vdash	귀	۲		5		- 1	-7	1.7				7	371	,- ,				7 3	\dashv				\neg	\dashv								1	1	
				-	-	-	-	-						-					ᅱ					一										
	7		\subset_A	PA	V.	۲۷	1	_	ε	<u></u> ∠ε	IZ A	7	OΛ	7	18	ਤ ਹੈ	7	7	\exists					\neg										
																			./															_
						V	=	TT A	25	ς Y	11	Z	37	96	ck	Ē٤	17	177	2	#	1/3	, 0	5	5/	٧	·F	-				_			
								· '								1	`															_	_	
Ш			<u>C</u> ,	64	61	7 4	<u> </u>	<u> </u>	ć	- 4	E	A	, ,	<u>۷</u>		33	7															_	_	
Ш		$oxed{oxed}$			ŀ	1	1	[٠,					ا_											Ш		_			
\sqcup		<u> </u>	_		_	IV.		15	17	RC.	K_	芎			6	5,	/-	57	٨c	1	_				lacksquare		L		_	<u> </u>				
$\vdash \vdash$					_	-	<u> </u> -	ķ: =	ļ.,	_	<u> </u>	_		<u> </u>	7 .	<u> </u>	_				_	_							\vdash	\vdash				
\vdash		_	► A	PA	5		<u></u>	7	-		EV	F _	<u>'`C'</u>	<u> </u> _		Ó	<u> </u>			-	-	-							\vdash	-				
H		-	<u> </u>	_	-	5	-	10-	E	A	-	-6	= 5	5	VU	9 -	-		_	-	 	-	-			_	-		\vdash	-	-	-	\dashv	 _
H		-	-	-	-	ناد	KE	MC	<u> </u>	17	Κ <u>ς</u>	<u> </u>	ٻ	-	-	ے در	-	-			 	-	-	-	-	<u> </u>			\vdash					
H		 	 	\vdash	-	\vdash	1/-	17	5	74	17	15	1	-	2	7	2 7	X	<u> </u>	7	-	-				-	-	-	\vdash	 			\dashv	
H		-			-	-	V_	<u> ۲</u> ۷۷	13	- '	μ.	3	1		2	-	3 5		-	一	 	 -						-					7	
H	-	-	-	-	-	 	 		一	一	\vdash	-	-	-	 -		_		—	 -	 		-				-							
H			-							Г	<u> </u>	\vdash		1																				
								Γ			Γ																							
																											L							_
										<u> </u>										L	_	L	L		L	L	_	_		L			_	<u> </u>
	<u> </u>	Ļ_		_	L	L	L	L		L	L	L		L	L	_	L	_	<u> </u>		L	L	_		_		Ļ.	<u> </u>		<u> </u>				<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	_	_	<u> </u>	<u> </u>	ļ	<u> </u>	<u> </u>	L	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_		_	<u> </u>	L	_	_	_	_	_		<u> </u>			_	
	_	<u> </u>	_	_	┞	 	├	-	├-	<u> </u>	┞-	-	<u> </u>	┞_	-	L	<u> </u>	_		┞-	├-	-	<u> </u>		-	-	-	 	_	_	-			<u> </u>
-		├-	<u> </u>	<u> </u>	┝	├-	-	╀-	├-	 	-	├-	┡	\vdash	┝	-	-	-	-	├-	-	 	-	-	-	<u> </u>	-	-	-	-				-
-	 	-	-	-	-	-	-	┼-	-	-	+	+	-	-	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-		-	\vdash		-
-	-	├	\vdash	-	-	╁	-	├~	╀	\vdash	┼	\vdash	\vdash	\vdash	+-	-	+	-	-	+-	┢	-	-	-	-	\vdash	-	 	-	 -	 -	\vdash		-
-	-	+	+	-	1	+	+	\vdash	+	1	+	+-	\vdash	+	+	-	\vdash	-	-	+	\vdash	+	-	-	-	-	-	-	 	-	 -	H		\vdash
	\vdash	+	+	1	\vdash	+	\vdash	T	\dagger	\vdash	+	\vdash	\vdash	-	\vdash	\vdash	\vdash		-		-	\vdash	\vdash	\vdash	 		\vdash		\vdash		-			
\vdash	\vdash	T	T		T	T	\vdash	T	T			\vdash	T	\top	T	T				1	1	1					Γ			Γ				
	T				T	1	\vdash	T	\top		Τ	Τ								I														
	Γ	I			Γ		Ι	Γ	T																									
								Γ			Γ																							
						L	$oxed{\Box}$				L												L	L	L	L	L	<u> </u>	L		L			L
L	L	L	Ĺ	L	L	\perp	L	L				L	L	L		L	<u> </u>	<u> </u>	L	_	L	_	<u> </u>	L	_	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	_		L
_	<u> </u>	$oldsymbol{oldsymbol{\perp}}$	ot	_	_	$oldsymbol{\perp}$	\downarrow	_	igspace	L	_	↓_	↓_	<u> </u>	1	1	 	_	<u> </u>	 	<u> </u>		\vdash	 	 	<u> </u>	ـ	<u> </u>	_	<u> </u>	_			_
1	_	$oldsymbol{\perp}$	ـ	1	1	_	+	_	↓_	_	╀-	<u> </u>	↓_	╀-	1-	1		<u> </u>	-	-	╀-	 		├-	-	_	 	-	 	-				<u> </u>
-	-	-	+		+	+	+	+	+	-	+	+	├-	╁-	+	+	-	-	-	+	\vdash	+-	┼-	+	+	-	-	+-	+	-	-	-	_	-
-	├-	+	╀	\vdash	+	十	╀	+-	+-	╄-	+	+-	╀	+	╀╌	+	╀╌	+-	╀	╀╌	+	╀	\vdash	-	+	\vdash	-	╁	╁╌	-	\vdash	-	-	+
-	-	+	╁	\vdash	+-	+-	╁	+-	+-	╀	+	+-	+-	+-	╁	+	+-	-	+	+	+-	+	+	-	\vdash	-	+	\vdash	\vdash	+	+	-	-	-
L	-	+-	+-	╀	+	+-	╀	╁	+-	+-	+	+	+	+	╁	\vdash	+	\vdash	+-	+	+-	+	+-	+	+	+-	+	-	-	\vdash	-		-	-

MILL POUS DAM	S	CHECKED BY	DATE
I SUID IECT	BRALLIC COMPUTATIONS	COMPUTED BY	DATE 6/9/80
THE LEGISTE / 4	THE CAMPORA COMPONICATIONS	s RLW	19/-/20
SLEBASIN N.Z	- CENTER PORTION OF	F DRAINISE AREA	
AREN =	3.87 11,2		
SNYDER HYDRO	GRAFA HARANTERS.	- SUBBASIN Z	
L= 3.4mi	4 c = .7m.		
PMP=16,5,W	C, -> Us & 2,0		
T=20	3.4.7 = 2.60		
H = 2.60 =	47 USE 2 HOUR		
	1.25(47-15)=2.59	++++++	
TRSPC = 11-13	10 7 h. 1. 17 7/B = .855		
			
Buseflow -> U	USE HOCTS		
		- - - - - - - - - - - - - - - - - - - 	
} 			
	+++++++++		
	 		
	┼╂┼┼┼┼╂┼┼┼┼		
	+		
	 		

ОВ	į	'n.	- <u>'</u> -		<u>.</u>		į	È,	``.											SHE	4	NO.				CKE				DA				_
UB.	JEC H	τ ν _ί		C				. /	14	ر ر	•	 (•		<u></u>	`,	-								WPU R				DA'	re 5/	7;	₹ (<u> </u>
$\overline{+}$	_															_																		1
+	ट	U E	-	. ,	-	 -	-	17	<u>.</u>	7	 -	5		[= 0	1.2	Đ	97	6.3	1-1	- 2	<u> </u>	•	;	-	1.		_	L i	-		_	 	1
1	_	<i>.</i>					İ				į	١.					7 5		G.,								ت							1
-					8.	1	<u>ا</u> , `	=1	<u>5.</u>	29	1	i													L	_			<u> </u>				<u>_</u>	ļ
+	\dashv	Ś	12	-	 E .:	<u> </u>	<u> </u> <u>[! </u>	1	£. (-	_	<i>ī.</i>	-	L		_	-	_	- A	2	Ŀ	7			<u>≎≤</u>	ļ.,	3	<u> </u>	 	-			-	_
\dagger	7	/ب	•		FÀ		7	\vdash	1	1				-		<u> </u>			= 1	-	一	3	2 8	-			-	_	 				\vdash	
1					L	Ξ	4.	10	M							1		E	4.	RO														•
4	4				_		<u> </u>	ļ.,	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u>_</u>	<u>_</u>		_	_	ļ.,	_	Ļ	<u> </u>		<u> </u>	<u> </u>	_	<u> </u>	<u> </u>	_			<u> </u>	_
+	\dashv			j~ '	┝	=	11;	<u>- را</u>	-	-	┞	-	<u> </u>	 		-	<u> </u>	_		3	٤.			-	\vdash	 	_	<u></u>	 	_			<u> </u>	_
+	1				<u> </u>	 	1. 1	 -	+	-	-	7.	3	-	-		-	<u> </u>			 	 			 	-	- -	-	-	-	-			-
1			_	+	E	۷.	<u> </u>	9	70	.9	190			E	6.	31																		
4	_			L'	<u> </u>	<u> </u>	_	<u> </u>	_	_	_	ļ.,	<u> </u>	<u> </u>	_	<u>L</u>				_		_			_		_		<u> </u>	_				
4					=	4	-	6	31	-	 	15	_		ت. ج	_	专	-	_	-	1				4	-	_	_	-	-			_	-
+	-		_	f		5 2	-	 	\$.5	F	1 '	۲	 - -	1	1	 	12	16	U F	-		Ë			17	-	 		 					
1													_																					
4	_			_	<u> </u>	 + :	=	16,	31	-:		25	(1,	15	٤	<u>)</u>	= (,6	<u>^</u>	_		<u> </u>			_	<u> </u>	<u> </u>	_	<u> </u>	_				
+	-		_	<u> </u>	-	-	├-	├-	├-	┞	├-	<u> </u>	-	-	├-	-	-	<u> </u>		-	<u> </u>	-			-	<u> </u>	_	<u> </u>		-			<u> </u>	-
+	7	Ŗ:	P.	<u>-</u>	-	-	-/-	=	7/0	<u></u>	97	75	=	8	5'	5	 	<u> </u>	_	-	 -	 	-		-	-	_	 	 	-			-	-
1						 	("	e.:	111	<u> </u>							i_																	
1	_		_	<u> </u>	<u> </u>	_	Ļ	_	_	Ļ			_		_		_	_	Ļ	_			ļ_	_			_	_						
-	<u> </u>	<u> </u>	==	دد	1-	-	16	<u> </u>	5	Y s	<u> </u>	<u> </u>	=	2	-	H. 1	K)	ᄐ	3 8	.3	6	-		5		75) (-	<u>5</u> _	-			├—	-
\dagger	-		-	 	\vdash	-	-	 	 	-	-	-	 	-	\vdash	-	-	 	 	 	<u>l</u> [-	<u> </u>	├	\vdash	 	 -	 	-		_		
1		 																											<u> </u>					•
1																																		
+	_	_	<u> </u>	-	-	-	1	-	-	1	<u> </u>	-	_	 	-	-	<u> </u>	-	<u> </u>	-	 	1-		-	-	-	-	<u> </u>	_	-			-	
+				-	-	一	-	-	\vdash	\vdash	\vdash	\vdash	-	-	\vdash	-	 	-	-	1	-	1	-	-	-	-	-	-	-	-			-	
j													i—																					
1									L						Ţ																			
+		<u> </u>	_	-	-	-	-	-	-	-	-	 	_	-	 -	_	 	-	_	-	-	 	-	<u> </u>	_	 	<u> </u>	_	_	_			-	-
+		-	-	-	\vdash	\vdash	+	+	1	\vdash	+	+	-	-	+	-	-	 -	-	+	-	+	-		-	-	-	-	-	_	-		-	
†			_			\vdash	T	\vdash					 -			\vdash			\vdash								_	\vdash						
1																																		
4		_	<u> </u>	<u> </u>	<u> </u>	 	-	-	1	_	_	-	<u> </u>	<u> </u>	1	<u> </u>	<u> </u>	╀-	-	<u> </u>	_	\vdash	-	_	-	-	<u> </u>	_	_	<u> </u>			_	-
+		-	-	\vdash	+	+	\vdash	+	╁	+-	+	-	-	-	-	\vdash	-	+-	-	-	-	-	-	\vdash	-	\vdash	-	-	-	-	-		 	
1			-	-	\vdash	\vdash	T	\dagger	T	 	-	\vdash	-	\vdash	T	\vdash	T	+	<u></u>	†	 	\vdash			\vdash	\vdash	<u> </u>	_	\vdash			-	-	
T				П	Π		Γ	T	T	T				Г	T	Π	Π	T		Γ				Γ	Γ	Г	Γ	Γ	Γ	Г			Γ	•

JOB A. O	T _s	SHEET NO.	CHECKED BY	DATE
MI_ PONL DA	577	5		
SUBJECT	1 SULIC CONTETENS	•	COMPUTED BY	5/23/51
Hirring	1111111111111		1120	1 7 7 7 7 7
MILL FOVE	CKIN- OUTHLOW COMP			╂┼┼┼
MILL FOVE	Ch. 7 401/ 728 W Ch. 1/	17/1 1/9%.	} 	╅╌╂╾╁╼╁╼
\mathbf{I}	╼╂═╂═╂═╂╌╂╌╂╌╂╌╂═╂═╂╌╂		╏╌┧╌┼╌┼╌	╂┼┼┼
┣ ┤,┤ ┤ │	╼╅╼╂╾╁╼╀╌╃╌╂╌╂╌╂╌╂╌╂╌╂	- 	-	╫╫┼┼
	╶┼╸┨ ╍┤╺┤╺┤╸┤╸┤╸┤	╼┼╌┼╌┼╌	 	╂╼┼╌┼╼┼╌
		╾╂╾╂╼╂╼		╉┋╌╁╌╁╼╂╼
	╶┥╸┨╶┦╶╏╸╏╸╏╸╏	┵┼┼┼		╂╌╁╌╂╌╂╌
┣ ┤ ┤	15 55.5 (1	- 1:4:211-1-	$\blacksquare \blacksquare \blacksquare \blacksquare \blacksquare$	╂┼┼┼┼
\mathbf{I}	ر الكريانية والمراجع المراجع	1.5	╂╌╂╌╂╌	╂╫┼┼
1-	에 1년 2년 7년 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		╂╼╂╼╁╼	╁╌┼╌┼╌┼
	╼╃╼┫╼┼╾┼╌┼╌╀╌╂┈┼╌╁╼┼╌╂		╂╌┼╌┼╌┼╌	╂╼╂╼╂╼┼╼┼
E127 - 4, 4,	P. H- 4- 9- 4- 1-		7,1 4	╂╾╂╼╂╼╂═
1724 0 +		- 0	┠╸ ┤╸ ┤	
}	2 6 1 0 + + + +	+ 1276.	[╂╼┼╼┼╼┼╼
	793 15 365 111 + +	+ 174	┠┤ ┼┼┼	
	1243 25 - 65 259 + +	+ 1502	┞┈┼╌┦╍┞╸ ┼╌	╂╼╂╼╂╼┼╼
	1762 35 365 430 + +	7 2 13 2	┠╼ ┾╼ ┆ ╌╏╌	╉╼╂╼╂╼╂╼
	21.7394 766 5 5 0 +	1 25 32	┡	
17 RC A 3 S	3 7 3 4 5 2.66 6 7 ,96 7 6	1812 3117	┡═┼═┼═┼	╇╇╌┼╌┼╌
		╼┼╃╼┼╌	┡╼┞╍╏╼╏ ╼	
			 	
	╌╁┸╃╃╀╀╧╀╀┼┸╧┼╂	_ _ - - -	 	
STRICE - STERKE	E DATO TATEN FROM	PERMIT	HPALICAT	7011
			 	 - - - -
	╌╂╂┼┼┼┼┼┼┼┼┼┼		 	
PENSTOCK DIS	CHARGE CAFACTY		 	
			2 2 2	
DIA TER A	47 007257 = 424	R = t (2	7 = 9.52	
				 - - -
	9H = 9,62	Z (32.2) H	 	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	+ K, + K, L 7 100 CV 1+	0+0+0	0784(40)	
			+++-+	
ELEY H	4944444444		++++	
1724 8	190		++++	+++++
	▗ ┋ ┋╃┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼		+++++	
1725,\$ 9.\$	208		++++	
				+
1729.44 13,44	345		+ + + - + - + -	
			+++++	++++
			++++	
			 - - - -	
			1-1-1-1-	1-1-1-
			 - - - - -	4-1-1-
			 	
				1

######################################	# \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
######################################	Special Control of the Control of th
	The state of the s

**********	4444	***	-2						存在女子女会	***	使作的对象的 化安存存的 电影的现在分词 电影人名 电影人名 电影人名 电影
~ .~	. ·	17									
7	÷	7. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.		THE CALLS	7.15 5.15 5.15 5.15 5.15 5.15 5.15 5.15	9					
4	=	700	:			?	5	٤	۲.	:	(
v	6	S					=	-	2	>	5
•	7	•	n	-							
7		ਪੂ. ••4 •	ů.	1.0							
ဘ	v	c.	50.761			~		-			
٠.	x 1	TNELCA		HYUKUGRAPH SURBASIN AC	SIN NC 1						
21	۶.			20.37		40.07	305			-4	
11	Φ.	L	16.5	9.6	103	119	125				
12	-							-	٠,		
13	:•	÷, 53	450.								
÷.	×	7,	94	~							
15	×	-	1440			~		•			
16	3	ROLFED		HYDAUGRAPH THEOUGH LANE PLACIO	GH LAKE	PLACIO					
11	>				-				-		
» ч	۲,	~						-1054	7		
(1)	۸٪	1.55	1.50.7	1461							
20	,	Ų	4	1300			•				
2.1	5	ú	118950	132132							
22	i;	17.37	1057	1561							
23	·,	1859									
54	\$0	1501	3.0	1.5	150						
25	¥	J	SU882			8					
20	ž	וארונא	нүркоска	HYDROGRAPH SUPASITE NO 2	8 04 H						
2.7		-	-	3.37		40.07	855			-	
28	o.	U	16.5	9.5	108	119	125				
5-9	}-							-	7.		
30	35	2,59	.625			·					
31	×	٠٠٠	U 7	-				ĺ	,		

".	:	-	:			•		-		
FE	:	15.11.	et tofffe violentsom Senast	rd St." AS	1 669 3					
34	r	~	-	15.29		60.04	435			-
4 0	a	ţ	16.5	y J	act	11,	125			
3.5	-							-		
3.7	-	0.00	\$2.0							
30	×	٠	j g	-						
39	¥	r	Copess			r-		-		
07	Ž	CUP 3 I'A	CHESTIND INFLOR HYDAMSTAPH	595 WOAH	App					
41	¥		1111.					-		
75		30 TF	SOLIF CG 181 J. L. SYDEGRAPS THROUGH TILL PUND DAM	14340CKn	TH900	Grt 111.L	Pund DAM			
43	~									
77	۲۱							-1724	7	
\$7	5 }	1724	1725.5	1727	1728	1729	1729 1729,44	1730		
0,	± ≻	C	2.76.1	914	1502	2102	2522	3117		
47	υ· *	9 55	137	216	265					
ę,	, A	1724	1723.5	172# 1	1728 1725,44			;		
64	*	1724								
90	174	\$1720,4	0.6	1,5	230					
5.1	¥	56								
\$2	~3									
53	7					•				
54	ব									
55	4									
56	<									

TE SELLE UP BESEAR BEACH CALCELATIONS
AND ABER AND CARPE AT SOBAL
AND ABER AND CARPE AT SUBBLE
COUNTY A MANUGLARE AT COMM
TO THE AND CARPE AT SUBBLE
COUNTY A MANUGLARES AT COMM
TO THE AND CARPE AT COMM
TO THE AND THE AND 11/11/11

ን

AAVAGOAGOAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGA	•	IPLT IPRT HSTAN				INAME ISTAGE IAUTO	ANE LOCAL	872 896 • 6•	CASTL ALSMX RTINP 0.10 0. C.		1.00 8.33 177 ERVALS	_	PEPICE KAIR EXCS LCSS COMP C 76 0.80 0.75 0.05 2940. 77 1.01 0.66 0.05 3689. 78 1.01 0.96 0.05
# TO TO THE TOTAL TOTAL TOTAL TO THE TOTAL T	ALL POST SAME ALTH SATINS ASTLYSTS POST LITH SATINS OAALAGE AREA LITH THOSE SARBASIUS	JESSPECIFICATION OF SPECIFICATION OF THE PUBLICATION OF COLOR OF C	MULTIMPLAN ALALYSES TO BE PERFERNED OFFICE 1 OFFICE 1 CATIFE 3 LATICE 1 KILCE 1	经条件条件 经全有条款条件的条件 计电子电话 计电子电话计算法 计电子电话 医电子	SUG-AREA RUNIFF CCHPUTATION	Influs Pyshigasph Subbasi ful l Istau Icum Itape Jalt Jart Subul o o c 2 c	TAREA STAP TASDA TASPE RATIC IS 1 40.07 C.86 0.	PRECIF DATA SPFE PUS RG R12 924 R46 R 7. 16.50 95.00 100.00 125.00 C.	LFURT STAKE DLTMA RITH EFALL STAWS RITHK STRTL O C. U. 1.00 O.). 1.00 1.00	UNIT HYDROGRAPH DATA The 4.53 CPEC.63 NIAM C	RCCCSION DATA STRTUM 40.00 GLCSIUM 40.00 RTCR# AP#PHKINATE CLAFE COEFFICIENTS FROM SHYDER CP AND TO ARE TC#10.00 AND 4#	50 FELR 1677 • 2645 • 275 •	10-0 116 11 11 11 11 11 11

•

Ċ

U

٤

the second of th

7 2

202250555 27.73 23.05 54.25

A CONTRACTOR OF THE PROPERTY O

3 0 3 3 0 0

30000	3\$1784, [1]C94,09)
100000	ี้ หา • เพศ • ย ก
. ၁၁৬၀৫	14.38 365.10
	10000000000000000000000000000000000000
2444. 2444. 2444.	36.7 11.05 11.05 15.05 15.05 15.05 15.05 15.05 15.05
, J J U U J G F U M U 	16141
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	72-115. 2715. 14.23 14.23 15.25 15.25
19.6. 197. 1753. 7391.	247 222 222 2000 1000 1000 1000 1000
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	204-12 1040-0 11-6 204-13 204-14 204-14 11-0-10-1
1000	21459. 21459. 005.
7775	645 675 775 1 CPL 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
- 3255	
1111 1111 1111 1111 1111 1111 1111 1111 1111	

_
•
_
=-
=
-

The control of the control

404 44 44 44 44 44 44 44 44 44	**************************************	4444444 000000000000000000000000000000
	LWCVANANANANANANANANANANANANANANANANANANAN	44444840 65665465 6
	200 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	10000000000000000000000000000000000000
######################################	1	110 3 40. 40. 40. 40. 40. 40. 40. 40. 40. 40.
8 PLAN 12 70 70 70 70 70 70 70 70 70 70 70 70 70	2000 N N N N N N N N N N N N N N N N N N	722 NO C
g	200 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	24-F7CK 3949- 112- 172-46 772-46 772-46 991- 401- 401- 401- 401- 401- 401- 401- 40
	0	6-14703 104-104 104
2. A. K.	9280.0 40.0 40.0 40.0 40.0 40.0 40.0 40.0	10735. 304.
~~~~	2 C E E E E E E E E E E E E E E E E E E	NAN: 12 000000000000000000000000000000000000
40 40 60 60 60 60 60 60 60 60 60 60 60 60 60	2 2222 2	T - 10 S S S S S S S S S S S S S S S S S S
1	**************************************	\$ \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$ 7 \$

,

2743. 2442. 2169. 6145. 671. 753. 671. 753. 671. 46. 45. 46. 46. 46.	AL VCLLME 1551730. 11053. 14.54 365.23 16168. 19967.	中等体質的 音音音 かいかい かいかい かいかい かいかい かいかい かいかい かいかい		IPAME ISTAGE LAUTO	LSTR	STERA ISPRAT					A EXPL 0.				0 0 0 0 0 0 0 0	5 & 6	• • °	-
34.75. 3654. 1000. 951. 312. 267. 48. 97.	72-HCLR TCTA 2719- 14-53 369-05 16179- 19957-	《 》 华安安安安安安安安	9	JPLT JPRT	TUPT TPMP O	x 75K					CCGL CAREA	DATA EXPD DAPHIC 1.5 15C.	N 1. RATIC 1	RAPH CRCINATES	•••••	000	, O W	4 41 (L.)
40 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	18050. 7839. 511. 223. 8.04. 14.05 204.15 356.52 8950. 15301.	· · · · · · · · · · · · · · · · · · ·	HYDROGRAPH RCUTI.16		RUUTING DATA IRES ISANE 1	LAG AMSKK 0 0. 0					EXPW ELEVL	9AM 00:10 3.0	STATION DAMIS PLAN	END-OF-PERIOD HYDROGRAPH	7FLO3			10°
1021. 1352. 505. 611. 605. 611.	PFAK P-HFUR 2144. 18050. 634. 511. 8.04 204.15 8950.	<b>安哥乔拉希尔乔拉尔</b>	£	_	AVG 0.	PS 'ISTOL 1	1361,00	tagg•65	132132.	1461.	SPUID CHOW	TOPEL 1851.0	STA	- ONI	ဇီဆီဇီဇီ			<b>⊶</b> €
	200 200 200 200 200 200 200 200 200 200	\$		RCLTEC FYRROGRAPH THRIUGH LAKE ISTAG ICUIP BAKI I	CLUSS CLUSS	NSTPS	1954,70	00°s	c. 11895u.	1, 1357,	CREL 1854.0							10 10 10 10 10 10 10 10 10 10 10 10 10 1
**************************************		1 特 计景 帝 华 谷 朴 华 特		. אכניז			STEGE 1858,00	คเลง ก.	CAPACITY= C	ELEVATIONS 1707						જિંદી	باه سد ن چ ه ه	 

And the second s

/6 / 1. (				516	ならた				
3 / V	· 45.77.7	122246	1222:17.	122247	122247	122227	2000	37001	
* . *		122/45	17224)	122243	10000		40.773.4	* 8 4 7 7 7 T	2622
122251		1577	133343			167771	166720	122256	2251
24444			0 % 0 7 7 7 7	172424	122252	122222	122253	122253	122243
* * * * * * * * * * * * * * * * * * * *		******	172254	122254	122255	122255	122246	111111111111111111111111111111111111111	1 .
.06727		1.225	172257	122757	122257		10000	155522	267
122750		12225	122250	122253		1 2 2 2 2 4	1/6/3/1	12225R	122256
122201		12226	13336	******	126200	172766.	122267	122260.	2261
** 50.00 E		1 2 2 3 3 3 3	******	17275	1222rd.	122272	122275.	122282	245
		1,7,7	12427	122343	122759.	122260.	122965	122636	4 7 5
10000	* 64:327	1425000	122776.	122.35	1250.	123134	(7326A.	10000	
****		163.51	123940.	124017	124090.	124154	124233		10000
1203470		124416.	124445	1244711	124422	10/613	46.16.1.0	107571	124367
129574		124594.	1240.12		1274.30	1575575	12427	124547	124541.
124037	1246	12466	7 7 7 7 6	٠,	950677	124052	124627.	124631.	124634.
176447		**************************************		C + C + C + C + C + C + C + C + C + C +	124647.	124648	124649.	6494	124645
124647	4 ~	*****	1.505.71	154661	124646.	124646.	124645		126466
	-	*240491	124042	124641.	124640.	124640.	124639.	4639	124638
				74.40	11 12 12			•	•
3.0	4.4	1040	3 0 0 0	- :					
	2 2	3 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	2000		1856,0	£ 21	1850.0	8	A.
1 2		0.4561	1853.0	Ž.	1653.0	5.5	1456.0	, ,	3 4
֓֞֝֜֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	212	1.550	1858	35.8	1852.0	É		3 4	ה מ
30		1458.	1334.0	2		1	) :	ñ	20
300		1456.3			2000	<u>,</u>	S	35.8	858
165%	5	2 4 7	2 0 0 0	n i	0 2 2 2 2	מ	3	358	858
2		000000000000000000000000000000000000000	0.6691	Si i	1653,0	S	1454.0	5.5	4
	2 1	0 0 0 0 0 0	1456.0	au L'. an	1850.0	35.5	45	, 'S	) U
3 ( 3 ( 3	0.000	4:53.	1354,0	85E	1854.0	35.	4	) (	) i
1.001	145341	1656.1	1854.2	1858.2	1858.2		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9	
20 5. 1	から いっかい	1656.5	1454.5		4 2 2 2 2	1 4		20	200
(i) (i)	1652.0	1450.7	1353.7	· 5	1 4		ñ	358	928
1858.7	4.44	1658.7	1858.7	) '2   '2   '			ñ	3.58	356
1859.7	•	1658.7	- C - C - C - C - C - C - C - C - C - C	9 :	7000	n	£ 2	358	35 E
2.52	4.20	1852	0 0 0 0 0	9 9	1826.	in in	659	358	15E
12	2 7 2 7 6	1 2 2 2 2	1 0000	<b>D</b> (	1859.7	W)	858	58	
	;	1 tores	19201	ιφ.	1858,7		1858.7	1858.7	
PEAK BUTFLO # 15	22. AT TE	114F 65.00	Squitte OC.					•	
		•	2402						
		G.	# X	טבייל מווינויי	1		!		
	•		22.		2	LETAL	VCLCE		
	•	517	: _:			•	966		
	ث ۳	CHES		•	•		25.		
		X.	· c		<b>&gt;</b> (	٠	60.0		
	· U.	.C.F.T	•	; ; • •	<b>.</b>	2 P	φ,		
	THALS CU	ε		13. 41.		36,	900		
						•	• • • • • • • • • • • • • • • • • • • •		

STATION GAALS PLAN IS RATIC 2

Secretary of the second of the

END-UF-PERTID HYDRIGRAPH CREINATES

C	,	ບໍ່						د	U	ru		38	52	4	6		4	7		22254	22262	122276	22278	30000	22222	20000	74.77	7777	11507	28850	25375	1.5752	25046	28720	2847C		a a	ם טיייייייייייייייייייייייייייייייייייי	1 2		7	, v		ָ מיני מיני	1850.3		9 6	• • • • • •	* C C C C C C C C C C C C C C C C C C C		0000	
C		ċ	ċ	ċ							64	2	27	5		3 5	7	5		22253.	22261.	22269	22277	9000	7577	*****	70627	• 08 8 7 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 8 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	26067	28728	29362	29316.	29075	28779.	23497.		3	9 4 5		9 4	• •	1 4	2 4	9 4		• (	0000	200	2000	000	650	855
C		ċ	c.	ċ	· -		•	ċ	లీ	-	5	35	23	2	, r.	4 :	7	4		22252	22260	22264	45050	20000	*****	66777	16622	11172	25637	28587	25345	58233	53163	265CB	2852		4	מ מ מ מ			• • •		, x , x	. u	יי ער ער			٠ د د د	• • • • • • • • • • • • • • • • • • •	, oo	200	500
C											7	5	15	7		0 (	*	*		22251	22250	22267	37076	1227	- 2777	2222	22331	22651	25262	28426	25316	5834	2513	28937	28552		7	9 0 0	• 10 to 10 t		• • • •		יי ער ער		ם מ מ מ	יי ער פ	* C C C C C C C C C C C C C C C C C C C	, C	200	٠ د د د د	9000	852
7. C.	ξ.	~				•	ċ		. <b>.</b>	:	3	5	~	10	- 6	1	Ž.	C	٢	1222	ひと ひと ひと ひと ひと ひと ひと ひと から	30000	76000	1000	22273	22271	22319	22922	24777	28241	29231	293	291	298	202	,				7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9 10 10 10 10 10 10 10 10 10 10 10 10 10						200	e e		900	860	859
7. C.	7.1.1.1.1											3	5	. 6		•	5	C	ros	22753	3000	2000	2000	* 7 7 7 7	25636	22290	22319	19522	54374	29023	2923	2937	2918	2869	2840	1	5.5	9 10 4		0 0 0 0 0 0	0 0			0 4 0	000	• (	7.40	000	049	9	9	50
222 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		•			•	•	c.	<b>*</b>	· .•	1.	,	558	707		9000	٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠	75.	7.13.		2.2	64666	2226	70000	76613	22231	52239	55304	22522	24011	27728	29135	29331	29258	24726	29635			2000		333			9 2		000			·	٠ د د د د	α. C.	000	, i
222 224 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		·,*	٠. د												400	•	157.	157.		97656	22222	20000		7/77	25290	22288	22300	55493	73691	27514	231	293	29732	24956	33.		9		ລ . ເວົ້າ	0 : 0 :	ე . ი ა ა :	יות ניים	9 :	י מני	10 1 10 1 10 1	9:0		500	သ (၃)	3	Š	5.5
ののののののあるとなるとのの よりしょう はいこう はいしょう はいしょく はいしょく はいしょく はいしょく はいしょう はいしょう はいしょく はい		•										٦,	, 5		7	Ë,	S	12		5000			:077,	2227	25224	72257	3523E	55442	23421	27204	29045	233.6	29255	24506	20692		;		917		9,0	t .	٠ ١٠ ١٠		,		· .	0.00		300	56.0.	5
		<i>?</i>	,	• (	•	•	ċ	ć	Ċ	٤. ٠	·	100	24.5	- 0.0	, the state of the	• <u>~ </u>	75;	717.		7,000	25.55	50.22	(0)77	2227	22277	22267	22296	22412	23199	26.05	55582	25383	2777	29015	28721		4	ים נית	3	ت. 1. ا	50°	χ. Λ.	エ ' C. i シ		ድ : ለ : የ	500	 	300	S S	Š	10001	1850.0

TCTAL VELLNE 45241. 1281. 1.63

72-4568 314. 5.

24-HALR 778. 22. 1.39

PEAK H31. 24.

> 0.65 0.05 1.0745

PEAK BUTFLE. 15

STATIUM DAMIS PLAN IS NATIC 3

The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s

# END-JF-PERIOD HYDRUGRAPH CRCINATES

	ບໍ່ເ	• •		ູ້	ះ		C)	C41	<b>2</b> C3	400	301	C32	777	1572.		22262	22279	2225	22212	22328	22247	10000	36.77	17007		35146	35863	35386	34655	33882	3322		858	856.	858	858.	858.	0.58.	828	85B.	66C.	861.	962.	862.	1861,8	661.	867.	
	ċ	• c						9	131	482	326	090	200			22260	22277	222	22310	20200	10	4000	7 (	7767	12980%	\$ <del>1</del> 5 6	35870	354	347	339	332		858	858	650.	858	858	658.	មុំទន	858	860.	861,	862.	862.	1861,8	361.	861.	
	ċ.	• d						759	C47	44.1	956	067	324	16091		22259	22273	2225	22760	とっている	33367		7 5 4 7 7	7607	128965	3406	35866	25525	34810	3454	3334		858.	BSE.	55E.	54.	<b>829</b>	<b>456</b>	858	<b>858</b>	# 29 B	661,	Bó2.	862.	1861.6	ų,	61.	
	<b>.</b>	۽ ڏ		<b>ن</b>	ບ	<i>;</i>	~	$\ddot{\Xi}$	585	473	373	115	348	1628		72757	22274	22250	22267	2000	19:77	1 4677	47 522	75157	N 1	34343	35047	35586	34887	34114	3415	•	00 00	P S R	658.	658.	854.	<b>656</b>	856.	658	855.	661.	B62.	862.	1661.6	261.	861.	
ć	<b>3</b>	ċċ	ò	Ġ	5	å	N	2	823	460	30	747	673	1648.	AGE	122255	2227	7000	3300	20000	22022	76677	26372	25005	151	3403	3581	3564	3496	3418	33	U	1854.	353	653	651.	858.	85%	853.	853.	859,	361.	862.	862,	1861,9	861,	861.	
	3. retus	• c	• •		·.	c		·C	695	447	4.15	169	5	1667	נמצ	22254	2227	22262	100	70000	2677	16672	723	25.32	$\sim$	4056	3576	3569	3563	3456	4	•	858.0	85.8	858	858	958	858	856.	959	859.	<b>661</b>	362.	862.	1361.9	961.	861.	
		÷ (	• • c	c	c	c	1.	~	5.5	413			22.5	1639		22252	: v	70000	3 C	20072	 	22372	25	22301	25770	Б.	33690	35	35112	4	133615.		35.8	459	95%	655.	8.56	85 S	653	653	959°	BSI.	452.	862.	~	361,	910	HOURS
	•0	• (	• d	. 0		<u>ن</u>	1	0	4.14	2	7 7		10	1711.		223	3.0		, ,		11077	777	7.7	227	251	324	3,55	127	351	344	133684		2. 10.	335	3.5.5	5.5	450	0.9.	356.	358	456.	361.	362.	362.	1561,9	61.	61.	1 IE 54.50
	ċ	ເ		. C		· •	•		٠,٠	150		, ,	ניני	1732.		3224	1000		2000		51:77	25332	22333	55426	5459	326.37	354.15	57:50	35257	64447	133753.		z u			•	5 4 2	3.4	45.4	350.	950.	461.	0 C 2.	348	~	461.	÷	2482. AT TI
	c*	å (		•	Ċ	ć	•	. 4		7.5		72.0		1754		4.7000		, r		16.227	5177	22330	22350	22592	24156	31361	35.427	3, 165	35327	34574	133 '23,		2 2		2.5	555	50.00	2.42	.55	95.0	85%	0	ut.2.	862.	8	551.	<u></u>	ŭ. 1S
																																																ı.

1CTAL VCLLHE 126162. 3573.

72-HCLR 876. 25.

24-HNLR 2166. 51. 3.46

6-HAUF 2454. 69. 1.00

релк 2482. 70.

> CFS CHS 1.CHFS

PEAK OUTFLO. IS

an against abandean traumen is ment at suffere or a change in a training in

-77
-
-
~
•
•

The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s

食物的食物的食物食物 医安全性神经神经 计电子设计器 计电子设计器 计电子设计器 计电子设计器 计电子设计器 计电子设计器 计电子设计器 计图片设计器 计图片设计器 计图片设计器 计图片设计器 计图片设计器 计图片设计器 计图片设计器 计图片设计器 医电子性神经炎 医甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	SUR-ARTA RIGIDE COMPUTATION	IPFLOM FYFRAGAMPH STRANSTALLE 2 ISTALL 16.4 PP. 140FE JPLT JPRY INAME 1STAGE IAUTO SURRE O O C 2 C 1 O O	THYDE THE SMAP TKEDA TRSPC RATIC ISNUM ISAME LUCAL 1 3.37 0. 40.07 0.86 0. 0 1 6	SPFE PIS NO RIZ R48 R72 R96	LASTER ALTER ATION FRAIN STRKS RTINK STRTL CASTL ALSMX RTIMP O C. 13, 1,00 0, 1,00 0,10 0,00 0.	ULIT HYDRUGRAPH DATA  TP = 2.59 CP=0.63 NTA = C	RECESSION DATA STRICE 40.10 QECSN# 40.00 RIICR# 1.00 STRICE 40.10 QECSN# 40.00 RIICR# 1.00 HHATE CLAFA GUZFFICIENTS FROM GIVEN SWYDEA CP AND TP ARE TC# 6.10 AND R* 4.63 INTERVALS	UNIT HYDRUGRAPH 28 END-(IF-PERIOD DRDINATES, LAG# 2,58 FCLRS, CP# C.63 VOL# 1.00 46. 166. 326. 437. 352. 283. 228. 164. 140. 119. 96. 77. 62. 50. 40. 32. 26. 21. 17. 14. 11. 9. 7. 6.	END-OF-DERIOD FLOW PRICE RAIN EXCS 1055 COMP	0.30 1 0.00 C. 0.00 40. 1.02 14.00 70 0.83 0.75 0.05 1077	3 0,00 0,00 40, 1,02 15,00 78 1,01 0,96 0,05	20.0 4 0.00 C. 0.00 40. 1.02 15.3C 79 1.22 1.17 0.05 2293	3.00 6 6.00 C. C.50 40. 1.02 16.20 C. C.94 0.79 0.05	5.10 7 0.00 0.00 0.00 40. 1.02 17.00 82 0.94 0.89 0.03 418	4.20 9.00 0.00 0.00 40. 1.02 18.00 84 0.74 0.69 0.05 5585	5-10 10 1-00 0- 0-00 40- 1-02 18-30 85 0-03 0-03 0-05 5685 1-102 18-30 86 0-03 0-03 0-05 5368	6.50 12 0.00 0. 0.30 40. 1.02 15.30 87 0.08 0.03 0.03	6,30 13 6,01 0, 0,61 40, 1,02 26,60 fb 0,03 0,03 4104 4104 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	10 7,30 12 Cat 0 0.01 40. 1,02 21.00 50 0.03 0.05	101 H.10 10 0.03 0.03 0.05 1.02 21.30 51 (1.08 0.03 0.05	17 GPC1 G	5,30 19 0.01 C, 0.01 40. 1,02 23,CG 54 0.08 0.03 0.05	10.00 20 0.01 0. 0.01 40. 1.02 23.30 55 0.03 0.05	11 11 11 11 11 11 11 11 11 11 11 11 11	.31 11.70 23 0.51 C. 3.31 40. 1.03 1.60 98 0. 0. 0.	-01 12-00 24 0-01 0- 0-01 46.	
	17				٠		APPRUXIHATE CL		50.08	1001	10.1	10.0	10"1		201		10.4	,4 - - - -		10.1	10.1	10.1	10.4	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10.1	10.1	•

٦)

	and the second of the same of																																																				
	-	·	٠,	4 6	- 4		• =	72.		40	23.47	40,4	45.	***	* E 4	45.	42.	41.	• • •	• 7 •	•	• · ·	0.4	0.4	.07	.04	• 0 •	• • •	2 4	• ·	. 4	40,	•0•	2,4	• () • ()	0.0	. 4	9	40.	*0*	3 0	<b>3</b> 0		40.4	*0 <b>*</b>	.17466.	9 m c		٠				
	11.	ċ	•	•	ء د	•	•	, c	, c		0			•	•0	•	ċ	•	•	•	• •	•	• 6			•	•	o s	• •	• d	• 6	•	•	•	•	• •	• d	0	•	•	• •	င်	•	•		3,25							
			• ‹	•	•	• 0	• •	ė			ċ	o	č	9	•	Č	ċ	ô	o ·	<b>.</b>	• •											•				ė					•		, d	ć		14,38	365.1						
	• :			•			> <	<b>&gt;</b> =	, 3	· c	: 6	د د	· •	9	0	0	0	9	Э.		<b>•</b>	<b>&gt;</b> <		2	0	0	ပ	: ت ا	9:	<b>&gt;</b>	<b>&gt;</b>		Э	. ب	<b>O</b> :	<b>)</b>		0	· •	_	0	<b>ə</b> (	<b>&gt;</b>			17	φ. Θ.	<u>-</u> د د	10	152 5.5	10.0	15.5	٥ ٢
	- `	: :F			٠.	: 0		2 .			• ~			~	_	_	-	-4	~ 1	<b>~</b> •	~ 0	v 0	4 0	. ~		~	~	er e	N 6			100	3	<b>CO</b> 1	<b>m</b> (	70 ×	r 3	• • •	•	-3	٠.	9 5	7 t 7	7 4	150	SLR		CTAL VE	-	~ ~	* (A)	m 1	
	•				T *	ה	יי נ ת	. «			- a			3	10.0	10°3	11.0	11,3	27	2	m :	11 <	7 6		15.3	16.0	16.3	2,0	E - C		n 0	4	20.0	20.3	27.0	21.3	200	10	23,3	ູ່ບໍ	۳. د	C: (	4 6		וני) ו			Ĩ	536	# v	22.	3	9
,	•	: :	. :	<b>,</b>	<b>&gt;</b> :	3 1	•	3:	•	•				9	਼੨	٩,	৽	۹.	ာ့	٠,	Ç	3,0	•	90			਼	e,	Ç:		• c	20	٠,	٥.	Ç		<b>.</b> .	20	2	. ?	3	Ġ,	ء د د	. 0	1.04			72-	!		39		
	• •	•	•		• •	د خو	•	• • • •	• 5		• •			, 0,	.04	,0,	40°	<b>*</b> 0*	40.	O.	<b>.</b>		• 05			<b>*</b> 0 <b>*</b>	41.	424	. M.	• •	4 0 4 6 7 5	.04	51,	6.39	52.		101	56.	71.	90	35.	, 20 e	• •		, D			<u>5</u>	1527	4	372,61	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	25
																					•														·	<b>-</b> → (	<b>N</b> 4 C	4 (**	) (A	. 4	4	4.	<b>3</b> 7 '4	n -3	~			2	4196	5	250.16	0 to 2	2200
		•	•	•	•	•			-	•		•						•	•	•		•						•		•				•	•	•	•				•	•	•	•	50.0			- 4	, . M				
		•	<b>.</b>	• •	٠.	٠ ت	. ئى	•	•	• ; :	• 2 t.		C	• •			· e•	ů	¢	o.		r,	· .	•	• •		•	•	•	•	•				•	•		• •		•	•	•	•	•	5.15			2	863	-4			
	•																																												0.80				CFS	28.2	ر	3,	ر ت ت
	,	` :	 	5		. مسر ۱ و۱	^4 : r. (	. t	# . T C	3.6	0 C	- 6		4.1	7	4.2	£	77	45.	.9 .9	47	۳.	6	7.4	- c	7 :41 12 (1	43	S.	ا	<b>~</b> ∶	E 2		6.1	2	6.3			5	 	į	0,	7	25		t n					-		:	÷
Sapinated of the authorized in the	٠.	٤,	٠,		٠.	٠.	÷.	٠.	٠,	٠,	• • =	• c	٠,			: -	: .:	7	~	•	٠,	•	•	•	•				•	•	•	• •		•	•		•	•	c	c		<b>∴</b>	~;	ű,	13.30								
Mangar ou 17 1		•	- -	:				. ي		- ·			ــر مــ : : •		,		سر ، ز سر ،		10.1		ببر ن س	1, 12	20.0	20.0			20.1	?		70.1	∾:	7.7	71	7. 12	10.12	7	~ ;		^		1.02	1.02	7:-07	<b>&gt;</b>									

THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE S

U I

)

1

4.4 • • • • • • • • • • • • • • • • • • •		4440 4440 4440 - 4440 -	77.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7
WW.	0 C C C C M M	111 115 0 04 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	400 400 400 22993
	1000000 000000000000000000000000000000	00000000000000000000000000000000000000	44400 4400 104400 4100 4100 4100 4100 4
#		7	PT1C 3 4C. 4C. 4C. 4C. 4C. 326. 1435. 4755.
PLAN 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	26 24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	PLAM 1s F 40. 40. 40. 40. 57. 1077. 271.
######################################	SAMAMAC	00000000000000000000000000000000000000	SU382 FCR 40. 40. 40. 40. 42. 793. 510. 510.
Pl. 27 A STA STA STA STA STA STA STA STA STA S	<b>ていたらのなりま</b>	20.20 20.20 20.20 20.20 20.20 20.20 120.00 120.00 120.00	64 AT STA 400 600 600 600 600 600 600 600 600 600
7	1000000-		HYOPIGBA 40. 40. 40. 40. 40. 40. 40.
**************************************	CFS CF W ACTED S CU W ACTED S C	25.95. 25. 25. 25. 25. 25. 25. 25. 25. 25. 2	40. 40. 40. 40. 60. 60. 60. 60. 60.
υω σφυσ εξετετασ μεν το εξ		2002 2002 2002 2003 2003 2003 2003 2003	64444444444444444444444444444444444444

3.0

									·	
	•									CC 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	•		•						なななない。	10 10 10 1
	•	**************************************	4 U T B	•		٩			•	10000000 000000 0000000 00000000
724 727 727 740 740 740 740 740	3	4 4	~	LOCAL	•	RTIMP O	•		277 6669 1295 1200 1200	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	77625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625 - 21625	•	AME 1ST	ISANE 1	4%6				620 620 141 620 120 120	C G W L W C R S S S S S S S S S S S S S S S S S S
40. 40.	בדאר	***	71 L#40	ISAUW	.R72 C.	CNSTL 0.10		1.00	2 2 3	PEK 110 146 146 146 150 150
	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*	-	RAT10	3 D O S	STRTL	, A &	RTICR*	14.00 mm m	T4444444 ******************************
200 000 200 200 200 200 200 200 200 200		#	CCMPUTATIUN PE JPL1 0	CATA SPCA SPCA	A 24 30 13	A RTICK 1.00	H DATA	ATA 40.JU 76=14.4		# # # # # # # # # # # # # # # # # # #
	24 - LE	计算条件操作分析	III.7FF	ТВВ 10 1 Т Т 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ECTP DA 12 00 119	STRKS STRKS	YDRUGRAP CP#0.6	SSIDL C CSN# TP ARE	ν π - · · · · · · · · · · · · · · · · · · ·	0 0 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4146. 4146. 1144. 1040. 250.16 250.16	~	ARFA 3 1FCE	571AP TR 0. 40	10 3 8 9	ERAIN O.	UNIT HY	CP AND	00 000 33 34 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 010 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	PEAK 36° 3. 10 L.	# *	ASTA	40	20,88	1.00	# c	40. SHY 28.8	**************************************	00.00 00.00 00.00 00.00 00.00
1		***	APH SUR ISTAU SI B43	712 E	26.91 16.50	œ. «		STATER	73 Eup. 152, 967, 962, 94, 41, 13,	<b>က</b> ပ × • • • • • • • • • • • • • • • • • • •
	TOPS ACTORNATION A		Pyraticrap 15 Si	1546 1	5pfe 5.	R DLTK		CPEFFICTENTS FRUIS	.Hdv	41/4 50.0 60.0 60.0 60.0 60.0 60.0 60.0
-	1. J. 1.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	INFLOW	1HYDC 1		ST&K.R.		FFICTEN	17 HVURUGR 746. 7533. 102. 102. 20. 50.	044640000.
		***				0 14061		CLAPK CRES	20, 20, 50, 50, 251, 110, 47, 21,	E 2000000000000000000000000000000000000
			•							
				-				LOPRUX 1412		

51" 17.63 14.38 3.25 245065. ( 448.)( 365.)( 83.)( 8157.09)

7CTAL VCLLME 277980. 8155. 14.40 370.85 11960. 72-1-17.8 1990 -1990 -1990 -11692 -24minuk 2504. 194. 343. 343. 31110. 10075. 3025. 3020. 164.97 5274. PEAK 116.03. CFS COS TI CFES AAA TEUS CO N

THE	**************************************	4477 937449 36444	44444444444444444444444444444444444444
	44 65 65 65 65 65 65 65 65 65 65 65 65 65	000000 00000 000000	4444440 CCCCAVC
\\ May 0.4 \\ \text{Aps b b b a a a a a a a b b b b a a a a a	OLENDROND OE. BUT WAS HEL WAS HEL WA	24 44 44 44 44 44 44 44 44 44 44 44 44 4	4444444 400000000000000000000000000000
	7	アアじらしゃ ア	######################################
R PLAN La 60.00.00.00.00.00.00.00.00.00.00.00.00.0	#	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	R PLAM 18- 460. 400. 400. 400. 1350. 1350.
20	N	27.5. 27.5. 27.5. 27.5. 27.5. 27.5. 27.5. 27.5.	50383 FE6
200 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	APH AT STA 979. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20	######################################	FYDKGGBAPH AT STA SUBB3 FCR PLAM 12 RT1C 3 40 40 40 40 40 40 40 40 40 40 40 40 40
4 YUKNUCPANY 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	***	\$ * * * * * * * * * * * * * * * * * * *	FYDEGEV 46. 46. 46. 46. 40. 40. 75. 75.
2	9.55 E E E E E E E E E E E E E E E E E E	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*************************************
64444444444444444444444444444444444444	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4.0.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

State Secondary in State or section in the Second S

~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~				スコース とうらくり できること なり こうこう こうりょう こうこう まま まりん はまま まりん はまま まっかい しゅうしゅう しゅうしゅう しゅうしゅう しゅうしゅう しゅうしゅう しゅうしゅう しゅうしゅう はんしょう はんしょく はんしん はんしんしょく はんしん はんしんしんしんしん はんしんしんしんしんしんしんしんしんしんしんし
2000 2000 2000 2000 1000		***	IAUTO	040 040 040 040 040 040 040 040
•			ISTAGE O	
100 mm	VELLINE 207980- 8185- 10-60 370-81 11960- 14678-	:	2 A A S	できないとします。 まなりになっているととなっているととなっているととは、 しょうしょうしょうしょうしょうしょう はっている とっという ままり こうしょう アンス
	14 t t t t t t t t t t t t t t t t t t t	***	Taqu C	
2007. 2007. 2007. 2007. 2005.	72-1170 F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		JPLT	11120.000 12 12 12 12 12 12 12 12 12 12 12 12 12
22555 22555 2255 2255 2256	2 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	########## NE -YORIJGRAPHS		00 00 00 00 00 00 00 00 00 00 00 00 00
	100-H7 200-H7 200-00-00-00-00-00-00-00-00-00-00-00-00-	CONBINE	11 CPN 0	7
2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	51.0 E E E E E E E E E E E E E E E E E E E	* * *	9047P-4 10-031 3	# H H H H H H H H H H H H H H H H H H H
2000 0000 0000 0000 0000 0000	4 6 A V L W	***	UN HYDROGAAPH ISTAM ICUN GENEN	20000000000000000000000000000000000000
27.72 27.72 17.72 17.72 27.73	11-12-11 11-12-11 11-12-11-11	?	Tani de Timer	120-120-120-120-120-120-120-120-120-120-
**************************************		<b>个分价的</b>	ັບ	

	51.1	HYDRINGPAFMS	=	CHERN PLAN	-4	<b>~</b>		•
,,	4:54	*:•	¢ ,	40.5		• c; •	٠ پ	Ų.
•		4.7	4	411.		4.00	45.4	9
•	•	•	•	• ? •				
• 	ÇÇ	• < 3		41)		् द	* *	*
وي	1,1					<b>6</b> ., <b>4</b>	ر چ	ů,
•	•					. 4	•	
	7.7	• ; •	• -	• :; •,		e e	- -	•
, V	4.74	414	4 1.	* N. F		4.5.	4	64
	4	126.		2245		34.2	394	437
•	•							0.00
· ·	- 7 * :	• 7.7	* * * * * * * * * * * * * * * * * * * *	11.75		12030	2457	6777
4543	5104	6100	6743.	7154.		.07.57	7624.	7585
47.00		24.7.0	6634	\$070¢		. 78.0	4986	4666
	54.4	26.10	4004	37.72		2.84.7	2692	2547
•								
27%)	2175	2:75.	15.7.1	10.0		1.2.1	900	W
1479.	1420.	1370	1327	12.2		1264	1170	1137
10.7	10.51	1026	1002	930		234	920	20.00
£71.	657		63.1	915	, C2.	760.	774.	763
			•	•	LP TCTAL			
~	, .	-	•			. "		
S	S	216. 201.		44.4	. •0	6435		
13:1	V 31				41	4 • 4 1		
•	1	41.07				112.06		
¥C.	-	3527			۲.	4419.		
TEGES	=	4321.				11613,		

\$44444444 \$4444444 \$2444444 \$24444 \$24444 \$3444

を表現では、 できない こうかん こうかん できない かんがく またい これが は、 
		26314.		20257	21054.	7246.		# Z	ALCES OF T	
		9,33,243,68		24°05'	00° 80° 80° 80° 80° 80° 80° 80° 80° 80°	3.39	•		5.1	
		VCLLME 4915e7. 13920.	TCTAL	72-HTLR 3411. 97.	24-110CR 8605. 244.	6-HOUR 14616.	96AK 5627.			
1750	1764.	1810.	1056.	1803.	. 1035.	1070. 10		5008	2050	. 2094
10 10 10 10 10 10 10 10 10 10 10 10 10 1	2187		2251.			. 24		2536.	* 058	900
2761	7 4407	2531	47.7E			32		*****	25.75	3712.
M -	4004	410%	43764			.,		5145	5212	3640
2156	6213	67270	£ 1 6 2 4			. 76.		4504	00000	950%
10064	10664.	11364.	11584.			. 133		14500	15015.	15343
15551	15627,	15530.	15220					13:57	0000	7362
5837	4684	3500	40.00 e			<u> </u>		1294	1144.	1030
5 <b>7</b> 6	798.	6 4 °	576.					177.	127	101
25	e c c	T.	96.							
Ð	8 0 0	ه د.	<b>9</b> 0			•		23		
ب ب	٠ ي ع	• • •	ۍ ۲.			•		303	ن ن	
ပ အာ	~ ~	٠ ٢	٠ ٢			•		, nc.	ۍ د	
ယ အာ	900	• •	ور دار			•		90	•	
<b>9</b>	• ೮	• • •	ون و			•		<u>.</u> چ	• •	٠ د د د
•			6 JI 1	_	5	CRAPIES A	•	اب نا <b>ج</b>		

· 0

And the property of the country of t

	I AUTO O											# C C	121		603	1315		771						•	162.
	ISTAGE 0	LSTR	ISPRAT	1730,00	117,00							12.			•	2168				36	` <b>~</b>	906 006	. 6	6	99. 151.
	INAME		STERA 1724.	173(	311			HEXPL			10	9 12 6	 	22.	322	2150.	7 7 7 7 7 7 7 7 7 7	156	, co	5	\$ U.S	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	C	\$ U.\$	97.
	JPRT C	I P & D	,, ,,	1725.44	2522,00			CCCL CAREA	DAPKIC 23C.	RATIE 1	CREINATES	12.5	72.	127	241.	26/4.	376,	207.	5.59	٠ ن	٠ ن ن	• U U	, L	\$ U.S.	95. 121.
30T176	E DA-	AME 10PT	×	1729,00	2192,00			FLEVL C	DAM DATA QC EXPO	e PLAN 15	YDROGRAFH	22.0	12.	22.	198	1947.	823, 3.15.	218.	72.			* 0 © 0 W 3	• ¢	20.	
нүрадсялри яситть	11.	2 2	AS AMSKK 0 U.	1721.60	1502,00	766.	1729.	Exp.//	ວິຕ	STATION HILLP,	END-UF-PERIOD HYDROGRAFH	UVIFLON 3. 12.	200	* * * * * * * * * * * * * * * * * * *	165	176%.	€85. 415.	230.	76.	STURAGE	90	97,		90.	92.
Н	PH TrikRUGH (1) COMP TROUBLE	AV6 16	LSTOL L			216. 20	•	, cus	TCPFL 1729.4	STAI	ENO-	- 2° c	• • · · · · · · · · · · · · · · · · · ·	* ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	141.	1524.	923.	241.	79.	o i	90.	* ? ?	06	* C	31.
	U STAG TOWNS THE TERM TOWN TOWNS TO THE TERM THE	cı t.SS	MSTPS 3	1727,00	914.10	•	1729	L SPRIU				111.	12.	27.	183	1208, 2066,	1734. 482.	253		5	96	<b>့</b> ပ	• • • • • •	, e O	9.E.
	RCLIE CCAFIEU	0,055		1725,50	275,10	137	. 1720	CRF 1724.										_		ί,	• • • • • • • • • • • • • • • • • • • •	٠.		٠ چ	, yr.
	RCU 14			. 1724,00	• •	20	1724.						12.							ય ય	9.3	• 0 0 0	• • •	٠ ٢	4.7
`				STAGE . 17	FLOA	CAPACITY	FLEVAFIONS									, . 21	7		•						_

15.	1724.) 1724.0 1774.1 1774.1 1724.1 17 1724.1 1724.1 1724.1 1724.1 1724.1 1774.1 1724.1 17 1724.1 1724.1 1724.1 1724.1 1724.1 1724.1 17 1724.1 1724.1 1724.1 1724.2 1724.2 1724.1 17 1727.5 1727.6 1727.6 1727.6 1725.2 1725.1 17 1725.6 1727.6 1725.6 1727.6 1726.2 1726.1 17 1725.7 1725.9 1725.9 1725.9 1725.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1726.1 1	TE 45,30 HUURS	STATIGE MILLP, PLAN 1, RATIC 2 END-UF-PERIOD HYDRIICRAPH CRCINATES	0.0 Z4. Z4. Z4. 30. 32. 34. 34. 39. 39. 39. 39. 40. 40. 40. 40.	0. 40. 40. 40. 40. 40. 40. 60. 60. 60. 60. 60. 60. 60. 60. 60. 6	53. 54. 82. 157. 126. 175. 559. 559. 6561. 703. 703. 704. 5597. 6561. 7053. 7342. 7592. 7592. 7555. 6561. 5555. 6561. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 5555. 55	1. 2/10. 3493. 3297. 3111. 2935. 2 2. 2194. 2096. 2001. 1912. 1828. 1 9. 1437. 1387. 1341. 1297. 1256. 1 8. 1561. 1635. 1010. 947. 966.	92, 92, 93, 94, 54, 54, 92, 93, 94, 54, 95, 95, 95, 95, 95, 95, 95, 95, 95, 95
33. 151 114. 113 103. 169	224.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0	45.20 HUUAS PEAK 6-HCU 2192, 2023 62, 57 11.9	STAT ND-0	0 m 3	60. 40. 40.	53. 044 508. 044 674. 5597 176. 5499	202. 202. 202. 209. 200. 200. 200. 200.	ก็ติดีตั้ง
15:0 13% 13% 13% 13% 1 117° 116° 1	17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255 17255	2192, AT TI 'E CFS CNS INCHES ACHT THULS COM		いなし		424.	- (1 له- له له	- 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4

O

)

Mar Dand

THE LEADER CONTROL OF THE PERSON OF THE PERS

· • • • • • • • • • • • • • • • • • • •	•	•	•	•	•	•		7	۲,	<b>.</b>	4	4	. 4		n	7	5	7	۰ ۲	- 1	,	2	•	, (	•	4
		736		27	251	231.		1724		1 1 2 4	1724	1,24.	1724	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	• • • • • •	1726.	1736	1734.4	1732	1000	11:11	1736.	1726.	1726		1728.
-	. 16.			275	253	737.		1724 4	7 7 7 7 7	****	1724.4	1724.4	1774.4	700	N • * ' · ·	1726.2	1730.4	1734.4	1732.0		11.71.63	1730.3	1.29.7	1220	4	1728,5
				270.	.250.	** m ^		1126.4	1226		1774.4	1774.4	1724.4	3 767.1		1725.9	1775.9	1134.4	1735.2	7 7 7 7 7	***	1.7 10.0	1125.7	1726.1		1726.5
		7, 2	,	2 / E	, 55.E.	236.		1724.4	7 7661		1/4,4	1724.4	1724.4	1.326.6		1775.5	1729.2	1734.3	1733.4	1731.4	2	1730.5	1725.6	2326.2		1720.0
-				÷	22).	23%				•	_			_	•	_		1734.1	-	-	•	_		_	•	-
	· .			•		76.7	5 T &	1/74.3	1,724.4		***/-	1124.4	1724.4	1776.1		1724.5	177.1.00	1773.8	1733.6	1731.0		1.30.71	1729.5	1729.4		1 (50 )
•	-	*		•	• :: :: c	, i.,												1711.4								
•	 				201	• <del>•</del> • • • • • • • • • • • • • • • • •		1724.2	11.26.4	7.70	****	1759.4	3774.4	11:4.4		9.47/1	1727.3	1/32.4	1734.2	1772.2		5. S. C. T	1/30.0	1723.5	1 144.	
•	• ; ; ;	.1			2n2.	5.46		1774.2	1724.4	4 22 4	,	1// 4.4	1724.4	1774.4		17.5.2	17%/	1732.1	1724.4	1722.4		11.1.	1730,1	1729.5	1,75: 3	
•	• • • • •	3.7.	100		771.	24.2		1724.1	174.4	1 224.4		1724.4	1724.4	1724.		C - 5 / 1	1720.3	1731.5	1734.4	1772.5		1111	1730,2	1729,0	3.73.	

44.50 HE473 15417. AT TI'E PEAK PUTFLUM IS

	1C1AL VCLLVE 4 2 8 2 8 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	72-HftR 3365. 3465. 2995. 20166.
	24-HULR 3502. 244. 202.99 17052.
	6-Hrup 14579. 413. 3-39 86.14 7239.
44.50 HURSA	PEAK 15617. 442.
3.11 14 0.1	CTS CO.DS TACOS NS NS AC-PT TFO S CC R

**计条件操作基金条件** ***

***

计分类设计符件设备计

****

O

()

Prax FLD: AMP STORIGE (RAW HE PENIND) SUBJANY FORHULTIPLE PLAN-RATIO ECLACINIC CUAPUTATIONS FLD: AMPLIES FOR SECEND)

THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY O

and the second of the second o

UPERATION		STATICM ARFA		PLAS RATIO 1 SATIO 2 RATIO 3	RATIF 2	PATIUS APPLIFE TO FLUMS RATIO 3
hYDQUGAAPH AT	-7	5.08.0 20.00 6.13 - 61.00		3220. 91.19)(	6.50 10735. 363.47)(	1.00 21409. 607.44){
PGUTEN TO		54.1 20.49 (0.388.19)	1 6	32.	1.31°, 23°51) (	
FYDRE KANN OF		546'2 3.37 (C.136 21)		35.20	2441. 40.45)(	56.3. 160.01)(
PYSAUSKAPH ST	:=	\$19.13   15.29 (0.13 21.0)		1771.	1771. 5564. 50.15)( 167,13)(	110:18.
∉arasino, €		69,304 40,009	·0.0	2213.	7625.	15627.
knjrej ta		1164 4C+75	~~	2192.	7616.	2192. 7016. 15617. 62.07)( 215.67)( 442.22)(

SUPPLIED GATE SAFLIT ARELYSTS

5 T. A. S

THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P

	F F F F F F F F F F F F F F F F F F F
12 - 12   64H 1891.01 192192. 1300.	TIME OF LIAX UUTFLOW HUNAS 95.00 56.00 54.20
•	CLRATICA CVER TOP HOURS C. C. 29.00
SPILLAN CREST 1657.CG 1222.6.	00171717 00171717 0017 0017 0017
1715L VALJE 1 1950-06 122266.	> A < 1 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 · 1 T I st. 1 1 i s. 5 1 2 2 2	SATURA OVER DAN G. O. O. L. L.
stevation Strage Heffle	A CIPCE 1,5 SECULIA 1,5 SECULIA 1,4 SECULI
	2471E 618 618 618 618 618 618 618

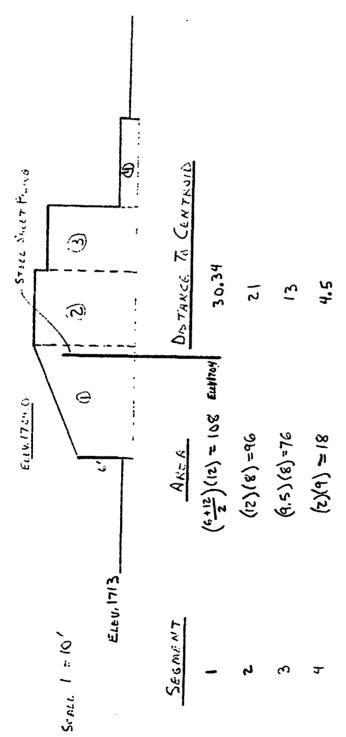
SUPPLIANT OF CAR SAFFTY ANALYSTS

	TATE FAILL FULNS OO .
TCP NF DAM 1729.40 265. 2492.	11ML DF MAX DUTFLW MURS 45.00 64.50
	000 000 000 000 000 000 000 000 000 00
SPILL, AV CREST 1724.00 188. C.	FAXIBLE GUTHLES CFS 2192 7616 15617
1724.00 1724.00 10.	74412102 \$T02.6F 46-FT 251. 251. 363.
1.111.1	01A F.U.B 0. 07B 0. 07B 0. 04B 2.03 0.03
61,5 va. 1533 31 - 36; 54,11,1	23. Lb 25. P5. Lb 35. CE P 4 1725. 00 1731. 01 1734. 43
•	C 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

ر.

## APPENDIX D STABILITY COMPUTATIONS

Sincoln's Section



#### INPUT TO STABILITY ANALYSIS PROGRAM

INPUT ENTRY	PROGRAM No.
Unit Weight of Dam (K/ft ³ )	0
Area of Segment No. 1 (ft ² )	1
Distance from Center of Gravity of Segment No. 1 to Downstream Toe (ft)	2
Area of Segment No. 2 (ft ² )	3
Distance from Center of Gravity of Segment No. 2 to Downstream Toe (ft)	4
Area of Segment No. 3 (ft ² )	5
Distance from Center of Gravity of Segment No. 3 to Downstream Tow (ft)	<b>;</b> 6
Base Width of Dam (Total) (ft)	7
Height of Dam (ft)	- 8
Ice Loading (K/L ft.)	9
Coefficient of Sliding	10
Unit Weight of Soil (K/ft ³ )	11
Active Soil Coefficient - Ka	12
Passive Soil Coefficient - Kp	13
Height of Water over Top of Dam or Spillway (ft)	14
Height of Soil for Active Pressure (ft)	15
Height of Soil for Passive Pressure (ft)	16
deight of Water in Tailrace Channel (ft)	17
Weight of Water $(K/ft^3)$	18
Area of Segment No. 4 (ft ² )	19
Distance from Center of Gravity of Segment No. 4 to Downstream Toe (ft)	20
leight of Ice Load or Active Water (ft)	46

NORMAL CON	017 51	•		ICE LQNU -	iejušt TS
0.055	RCL 1			0.055	RCL
102. 103.	RCL 2			102. 102.	1 RCL
30.3 30.3	RCL 3		•	30.3 30.3	
96. 96.	RCL 4			96. 96.	RCL 4
21. 21.	RCL 5			21. 21.	RCL 5
76. 76.	RCL 6			76. 76.	RCL 6
13. 13.	RCL 7			13. 13.	RCL 7
0. 6.	RCL 8			e. e.	RCL 8
12. 12.	RCL 9		٠	12. 12.	RCL 9
0. 0.	RCL 10			16. 10.	RCL 10
0.45 0.45	RCL 11			0. 45 0. 45	RCL 11
0.055 0.055	RCL 12			0. 055 0. 055	RCL 12
0.3 0.3	RCL 13			<b>0.</b> 3	RCL 13
3. 3.	RCL 14			3. 3.	RCL 14
0. 0.	RCL 15			0. 0.	RCL 15
4. 4.	RCL		••	4. 4.	RCL
1. 1.	16 RCL		•	1.	16
	17		-	1.	RCL 17
2. 2.	RCL 18			2. 2.	RCL
• 0.0624 0.0624	RCL 19		3	0.0624 0.0624	18 RCL
18. 18.	RCL			18.	19
-	20		-	18.	RCL 20
4.5 4.5	RCL · 46		]	4. 5 4. 5	RCL
12.5		•		12.5	46

17. 26817951 - F.S. VS. CVECTURAMIE

19. 93: 0523

2.348480052

12. 14773973

•4<del>95988916</del>6

THE COURT OF A THE THE PERSON AS A SECOND SE

6m= 10.055			e en e e em
	RCL 1	Samos seas 0.15 gine (1.	055 RCL 1
102. 102.	RCL	:	02. 02. RCL
30.3	2	3	0.3 2
30. 3 96.	RCL 3		0.3 RCL 3
96.	RCL 4		96. 96. RCL
21. 21.	RCL		21.
7 <b>6.</b>	5		21. RCL 5 76.
76.	RCL 6		76. RCL
13. 13.	RCL 7	1	13. 13. RCL
<b>0.</b> .			0.
0. 12.	RCL 8		O. RCL
12.	RCL 9	1 1	2. RCL
0. 0.	RCL		0. 0. RCL
0.45	10		0. RCL 10 45
0.45	RCL 11	0.	
0. 055 0. 055	RCL	0. 0 0. 0	55
0.3 0.3	· 12		. 3
3.	RCL 13		.3 RCL
3.	RCL 14		3. RCL
11. 11.	RCL		14 D. RCL-
4.	15		15 I.
4.	RCL 16	4	RCL 16
1. 1.	RCL	- 1 - 1	. RCL
2. 2.	17 . RCL	. 2	17
<b>0.</b> 0624	18 .	. 2 <b>0.</b> 062	18
<b>0.</b> 0624	RCL 19	0. 062 0. 062	4 RCL 19
18. 18.	RCL	18. 18.	
4.5	20	4. 9	<b>20</b> 5
4. 5 12. 5	RCL 46	4.5	5 RCL 46
12.5		12.5	5 5 RCL
4.917285605 <	200	0. 1	50
16 05070000	F. 3 9	Is. Cyecrospies	

16.85379203

>6.030156731

17. 64780666

THE WASTER OF THE PARTY OF THE

#### PROJECT GRID

JOE	٨	11:	,	ρ			1	۵۱	<u>~</u>											SHE	ET P	10.			СНЕ	CKE	D B	,		DAT	ΓE			
SU	UEC	:T												Δ												#PU		BY		DAT	E,			-
<b> </b>		57	<del>۱۶</del> ۲	, ح	70	Ŷ'n	<u> </u>	<u>5</u> -	7,5	ر بر	<u>ر ' '</u>	アシ		4 ~	AL	45	15									RL	W				5/6	1/3	0	_
H	_	53			_	7	ΙE		5					_	<u> </u>		_			7,		Ω			ン ンへ	_				7	γ	-	$\dashv$	-
H	7	23	U3	$\dashv$			15		24	-11	<i>//</i>	G	Z	<u> </u>	1/3	14	W	€.	-	H	٥	n	9	9	24	/	4	0.5		-	7 6		┪	
H		E	Ę	Z	7		3		7	ıε	5	W	- 5	7	1	1/2	E			Н							_						寸	
															Γ'	-																		
														Ĺ										,		•								
I.	C	7	Ċ	5	7	[""]	PR	EΩ	ςų	Ró			Do	E	7	0	5	VΕ	<u>=</u> 7		٥٤	N	G										_	
											17	21.0	<u> </u>	! 	L	L	_																_	
Н	_							_			1	_	$\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$	<u> </u>	4	<u> </u>	<u> </u>						_		_		_		_	L.			$\dashv$	_
H	Φ.	=3	3								4.	_	#	L	Ц	<u> </u>	ļ			_			_	-						-			$\dashv$	
1		.2	a	Н	$\vdash\vdash$	$\vdash$	$\vdash$	$\vdash$	Н	$\vdash$	/-	ĝλ	#-	-	<del> </del>	<del> </del>	+	$\vdash$	-	H		-	-	-	-	┝	$\vdash$	-	-	$\vdash$		$\vdash$	$\dashv$	
H	ج)	-4	1	Н	$\vdash$	$\vdash$			-	$\vdash$	<del>                                     </del>	×	╟	+	$\vdash$	+	+-	$\vdash$				-	┝	-	$\vdash$	-		$\vdash$		-	H	┝┪	$\dashv$	-
H		3,	19	H	H		$\vdash$	$\vdash$			Ċ	<del> -</del>	$\parallel$	t	1	┯	+		_				<del> -</del>					$\vdash$		H			$\dashv$	
H	+		H			$\vdash$				#	7	-	C	十	H	<del> </del>	1						$\vdash$						П				1	
8	<i>.</i>	Ę	55	4	Çţ	m			Г			Г	IT	<b>1</b>	Г		1																	
	<del>5 0 (</del>												,	₹	_																			
																		$\overline{\Gamma}$																
										_		_	$\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$	L			Ð	$\Box$					_	_								-	_	
											3	H	lacksquare	Ļ.	<b> </b> _	L.	厂		<b>—</b>				ļ				<u> </u>	<u> </u>						
$\vdash$		-	-	Н	Н		<u> </u>			-		L	#-	┞	<b> </b>	K	丰	<u> </u>	H	<b> </b>		ļ	-	H	-	-	-	<u> </u>	_	-			$\dashv$	
-		╀╌	-		-	H	$\vdash$		$\vdash$	-	-	-	╫	┝	┝	╀	╀╌	-	Η	-		-	-	-	-		-	┝	-	-			$\dashv$	
-			$\vdash$	$\vdash$	$\vdash$		┝	-	$\vdash$		┝	-	╫╴	┢	$\vdash$	╁	╁╴	-	-	$ar{\gamma}$		_	<del> </del>	-	-	-	-	$\vdash$	-				$\dashv$	
H	-	<del> -</del>	-	H	Н	Н	H	-	-	-	04		╫	┢	┝	$\vdash$	$\vdash$	$\vdash$	-	$\forall$			<del> -</del>			┝	-			-			_	
	-	<del> </del>	H				-			Ė	3	۲	广		H	十	T			H			$\vdash$			-								
	I	DA	05					Γ			Г	Γ		Τ	T	Г	T			T														
					10	<u>.</u>																45	51	VE										
1		B	05	5)	.2	9	(i	7	Ξ,	81			L				$oxed{L}$	0		3	Ö	5	(3	.39	X	2	Ĭ,		7					
Ļ	L	L	ļ.,	_		Ļ		L	Ļ	Ļ	L	<b>_</b>	<u> </u>	<b> </b> _	L	Ļ	<u> </u>	Ļ	L	<b> </b> _		,,	بمإ	<u> </u>	<b>,</b>	_	2	L	5.7	L	برا		لمرز	_
44	Ш	3.	<b>R</b> 7		62	4)	<u> </u>	<b>)</b>	1.	Ρ.	<u> </u>	<u> </u>	<b> </b>	₽	<b> </b>	$\vdash$	+	3	)	2	117	)*	<u>.:</u> 0	2:	2	3	ΡĪ	<u> </u>	<b>F</b> ⁷			7	리	-
4	<b>-</b>	ż	1-	77	Ļ		4		-2	d d	<u> </u>	<u> </u>	-	+	-	+	$\vdash$	$\vdash$	$\vdash$	<b> -</b> -	$\vdash$	$\vdash$	-	-	-	-	-	$\vdash$	-		$\vdash$	Н	$\dashv$	
1	1	12	1	4	۲	ڪ	μ	F	1.3	μ-	-	<del> </del>	-	+-	1	$\vdash$	+	+	$\vdash$	$\vdash$	-	-	-	-	$\vdash$	-	-		$\vdash$	-	Н	Н		_
3	<b>—</b>	1	6	4	11	4	=	6.	24	┝	$\vdash$	<del> </del>	$\vdash$	$\vdash$	$\vdash$	$\vdash$	+	+	一		$\vdash$		-		$\vdash$	-	-	$\vdash$			H	H	H	-
۲	۲	Ť	F	f	۲	۲	一	۳	F	H	H	<del> -</del>	一	T	十	t	$\dagger$	T	-	T	$\vdash$		一	$\vdash$		-	-			H	H	Н	$\dashv$	
		T	T			$\vdash$	T	T			Г	Г	T	T	Г	T	T	T	Γ					Г							П		Ħ	
		I					[	E	Ex	=	7	4.	5	4	1.5	2	F	8	5-	1	5	-/	.5	7.	-6	2	4							
																L	L	L																
	L	L	_	L		Ĺ	Ĺ	L	Ĺ	lΞ	2	¥.	1	K	L	Ļ		L	L	<u> </u> _	_		_	<u> </u>	L	<u> </u>	_	<u> </u> _	i			Ш		
	L	lacksquare	L	<b> </b> _	_	<u> </u> _	<b> </b>	$\vdash$	<u> </u>	L	L	<b> </b> _	-	┞-	<b> </b> _	1	╄	$\vdash$	<b> </b>	<b> </b> -	<u> </u>	_	_	<u> </u>	<b> </b>	-		<b> </b>	<b> </b> _	<b> </b>	Щ	Щ	$\dashv$	
-	<b>L</b> .	╀	_	<del> </del>	<b> </b>	<b> </b> -	<u> </u>	$\vdash$	<b> </b> -	<b> </b> -	-	<del> </del>	<del> </del>	╄	-	-	╄	$\vdash$	-	├-	<b> </b> -	-	-	$\vdash$	H	-		-	-	<b> </b>		$\vdash$	$\dashv$	
-	-	╁	╀	$\vdash$	$\vdash$	$\vdash$	⊢	╀╌	$\vdash$	┝	-	┢	┼-	╀	┡	╀	+	-	-	$\vdash$	-	┝	-	-	-	H	-	-	┝	-	$\vdash$	Н	$\vdash$	
-	<b>-</b>	<del> -</del>	╁	╁	$\vdash$	$\vdash$	╁	十	H	$\vdash$	十	十	H	╁╴	H	╁	╁	╁	H	十	H	<del> -</del>	<del> </del>	-	<b> -</b> -	<b>-</b>	H	$\vdash$	<del> -</del>	-	$\vdash$	H	$\vdash$	
1		1	1	1	1	1	1		1	1	1	1	1	1		İ	1	1	•	1	!	Ī		•	<b>i</b> .		1	l	1			1		

#### PROJECT GRID

MILL POND DAM  SOURCE  STRUCTURE, STABILITY ANALYSIS  CONTRIBUTE  RLW  STRUCTURE, STABILITY ANALYSIS  RLW  STABILITY ANALYSIS  RLW  STABILITY ANALYSIS  RLW  STABILITY ANALYSIS  CONTRIBUTE  RLW  STABILITY ANALYSIS  RLW  STABILITY ANALYSIS  CONTRIBUTE  STABILITY ANALY	JOI	-																		_	CHE	ET :	-			CHE	CKE	O AY	<del>,     </del>		DAT	<u></u>	—		<b>–</b>
STRUCTURAL STABILITY ANALYSIS  RLU 5/6/80  Z. ADD EGERCTS OF SAEET PLE INTO COMPUTER STRUCTY RESULTS  MARINAL COMMITTONS    C.S. 7/13+2401		N	11/	,	Po	היג	. /	$\bigwedge_A$	m																ı	Ç		<b>-</b> •.		l	<b>.</b>	•			i
STRUCTUCAL STABILITY HARLYSIS RLW 5/6/50  Z. ADD EGERCYS OF SMEET PRE IMTO COMPUTES STABILITY RESOLTS  MARMAL COMMIT ONS    C.S.	SUI		~																_						-1	CO	<b>P</b> U	ΈĐ	BY	┪	DAT	Ē			ー
Z. A DA EGERCY S OF SHEET PRE JATO Computer Strain to Resource  Marinal Coma to MS  G.S. 7.43 + 24.01 - 6.24  ICE Land  F.S. 7.43 + 24.01 - 2.07  PM C	1 9	57	E I	ے	$ au_U$	i è i	14	S	TA	프	LI	7	4	i	$Q_{A}$	IA.	4	51	5								RL	W			5	5/	6/3	20	ı
Marinal Conner of S  7.13+2:101 = 62.  ICE Land  1.5 = 7.13+2:11 = 2.01  PMF  F.S. = 7.13+1:161 = 2.01  S= s.1 = Conner of S  1.7 = 3.1 = 4.4  S= s.1 = Conner of S  7.13 = 1.4  T. = 2.01			Ë	r		<u> </u>	Ë	_	_			<del>'</del> ا		_	_		_		$\widehat{}$						-									¥	一
Marinal Conner of S  7.13+2:101 = 62.  ICE Land  1.5 = 7.13+2:11 = 2.01  PMF  F.S. = 7.13+1:161 = 2.01  S= s.1 = Conner of S  1.7 = 3.1 = 4.4  S= s.1 = Conner of S  7.13 = 1.4  T. = 2.01	H		-	<u> </u>		-	-	├	-	-		├	-	-	├-	-	$\vdash$				$\vdash$				-		Н			-		┍╌┩		-+	
Marinal Conner of S  7.13+2:101 = 62.  ICE Land  1.5 = 7.13+2:11 = 2.01  PMF  F.S. = 7.13+1:161 = 2.01  S= s.1 = Conner of S  1.7 = 3.1 = 4.4  S= s.1 = Conner of S  7.13 = 1.4  T. = 2.01	H		<b> -</b> -	-		-	-	<u> </u>				<u> </u>	-	<u> </u>	-	<b> </b>	<b>-</b>	,_			_					Н				Н	$\vdash_{\prec}$			┵	
F.S. = 743+2401 = 6.27  ICE LCAD  C.S. = 743+2401 = 2.01  F.S. = 1244  S. = 124 = 2.45  S.	Z	<u>.                                    </u>	0	4	٤,	5	5	7:	<u> </u>	C.F		*	EB	三	12	£		<u> </u>	ra		C	172	6/2	7	É	5	7%	B /	_/`	~	K	Ēŝ	<u>U4</u>	4	
F.S. = 743+2401 = 6.27  ICE LCAD  C.S. = 743+2401 = 2.01  F.S. = 1244  S. = 124 = 2.45  S.	Ш		<u> </u>					L	L			L		<u> </u>																				_	
F.S. = 743+2401 = 6.27  ICE LCAD  C.S. = 743+2401 = 2.01  F.S. = 1244  S. = 124 = 2.45  S.						L		<u> </u>				L_																							
F.S. = 743+2401 = 6.27  ICE LCAD  C.S. = 743+2401 = 2.01  F.S. = 1244  S. = 124 = 2.45  S.			N	be	m A	4		67	Δ	7	0/	15		Π	П																			$\neg$	
				Г		Г	Γ		Г					$\vdash$	Т	Г	П																	丁	
	Н		$\vdash$			r		7	12	+	•4	01	H		$\vdash$		$\vdash$									П	Н			Н		П		7	ᅥ
	H		一	+	1.5	٠,	-	-	۳			<del>                                     </del>	=	6	5.	•	H		Н		-	-			$\vdash$		Н	$\vdash$		$\vdash$	H	H	H	7	ᅱ
FINE THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPE	H	_	⊢	┝	-	i—	-	├	<b>├</b> ≥	10		<b> </b>	-	├-	├-	<u> </u>	⊢	_		-	-		<b>-</b>	-			_			Н				+	-
FINE THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPE			<b>!</b> -	-	_	<b> -</b> -	-	-	-		_	-	<b> </b> _	_	<u> </u>	<b> </b>	<u> </u>				_		<b> </b>			Щ	Щ				$\square$		$\vdash \dashv$	-+	4
PAGE  PAGE  743 + 1966 - 746  SEISA - COMATIONS  CE 773 - 250 - 444 - 750 - 444 - 750 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 76			110	E	_	4	AL	<u>D</u>	L		L_	<u> </u>	L	L	<u>_</u>	_	<u></u>				_		_			Щ				Ш	Ш	igspace	igspace	_	_
PAGE  PAGE  743 + 1966 - 746  SEISA - COMATIONS  CE 773 - 250 - 444 - 750 - 444 - 750 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 76	Ш		L	L	L	L		L	L			L		L																		igsqcut			
PAGE  PAGE  743 + 1966 - 746  SEISA - COMATIONS  CE 773 - 250 - 444 - 750 - 444 - 750 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 760 - 76			L			Ĺ	7	43	+	25	ı.۵					<b>b</b>																		$_$ $]$	
PINE  743 + 1966 - 2 45  5 = 5 4 = Cava + 1 2 1 5  75 - 743 - 25 21 - 44 1 7  75 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 1 2 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 - 7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 - 7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7 5 1 - 44 1 7  7	П			Ι,	7	-	-						F	۲.	O	T	Γ																	1	
7+3+1966 _ 7.05  SESA = CANATIONS  - 7773 + 24.01 _ 4140  - 7	П			Г	Γ	Г		Γ΄		1	Г	Г	Г	Г		1	Т		Н							Π				М	М	П	$\sqcap$	7	$\neg$
7+3+1966 _ 7.05  SESA = CANATIONS  - 7773 + 24.01 _ 4140  - 7	H	Δ	1		$\vdash$	<u> </u>		-	-			1	_	<del> </del>	$\vdash$		<del> </del>	1	-	-	H		_	H						H	Н		1	十	ᅱ
S=5A = C \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1}	H	- '	11.	<del> -</del>	-	<del> -</del>	-	-	-	1-	<b>-</b>	-	┼	-	-	├-	<del> </del>	<del> </del>	├┤					H	$\dashv$	H	-	-		$\vdash$	⊢┤	┝╌┥	┝┤	$\dashv$	ᅱ
S=5A = C \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1} \) \( \sqrt{1}	H		<del> </del>	<u> </u>	-	٠.	<b>-</b>	<u> </u>	<u> </u>	-	<b>—</b>	├	┡	<del> </del>	<del>ļ                                    </del>	<u> </u>	<b> </b>	_	_		_					Н	_			-	H	$\vdash$	$\vdash$	-+	ᅱ
S=5a = Covartibils  C=7.43 ~ 25.01 ~ 444  T=7.5. ~ 7 = 1.01 ~ 444  T=7.	E	جــ	<u> </u>	1				<u> </u>	L	<b>L</b> , (		<b> </b>	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>														Ш	<b> </b>	<b></b> !	-+	_
		င်	L	<u> </u>	13.	74	<u>L</u>	L	L		Ĺ	L	辶	<u> </u>	<u> </u>		<u> </u>																		
	Ш				Ŀ			<u> </u>							L		<u> </u>	_														Ш		l	
				1			Π		İ				Ī			П	Ī															П		-	
	14	ا ع	ξ,			1	V	7,5	F,	11	K	Π	Г		⇈	Г	m																	1	
			۲	i T	<u> </u>	ř		1			F-	┪	十	$\vdash$	┪	Н	┪				-									H			1	Ť	ヿ
	$\vdash$		<del>!                                    </del>	<del> </del>	7	V	1=	1 3	ŀ	h	-	1	-	┖	十	┢	<del> </del>	<u> </u>				-			_	Н	$\vdash$	-		Н	Н		<b>-</b> -	-	ㅓ
	$\vdash$		5	누	-					۲	⊦≒	17	À	<del> `</del>	╀	╀	├-	┞			-	-	_			Н				$\vdash$		$\vdash$		<del>-</del> +	ᅱ
	$\vdash$	_	Ε.	<u> </u> _	₩	┞-	<u> </u>	15	⊢	╀	-	<b> </b>	⊢	┼	₩	ļ_	┡—	<u> </u>			<b></b>			-						-	_	┝╼┥	┝╌┩	-+	4
		_	<u> </u>	<b> </b> _	<u> </u>	<u> </u>	<b> </b>	┞	<u> </u>	┞-		<u> </u>	<u> </u>	<del>  _</del>	Ļ	<b>Į</b>	<u> </u>	Ļ_			<b>L</b> .	_								Ш		<b> </b>	lacksquare	_	_
	L		_	<u>L</u>	L	L	_	<u> </u>	L	L	L	_	<u> </u>	<u> </u>		L	L	<u> </u>			L											Ш			
	L			L	L	L	L	L	L		L	L			L																				
			Γ	Γ	Γ	Γ	Γ	Γ	Γ			Γ				Γ	Γ	1	ĺ											П			Ì	1	
			Π	T	Γ	Γ		Г	Γ	Γ		Γ	Γ	Γ	Γ	Г	Γ							П						П	П		П	7	
			t	-	1		1		Τ	1			1	1	1	<b>t</b>	<del> </del>	<del></del> -			1-			П	$\dashv$	М	H			H	H	М	H	_	ᅱ
		$\vdash$	1	+	$\vdash$	1	<del>                                     </del>	H	1	$\vdash$			$\vdash$	<del> </del>	<del> -</del>	1	+	-		$\vdash$	<b>!</b>			$\vdash$	$\dashv$		H	Н	-	$\vdash \vdash$	H	H	<del>⊢ i</del>	1	- {
		-	╁	1	+	-	┰	-	$\vdash$	+	1-	1	-	1-	+	1	-	-	-		H	-	-	Н	Н	┝┤		$\vdash$		Н	H	$\vdash$	┝╌╢	+	-
	-	<u> </u>	╀	<u> </u>	+	-	-	$\vdash$	+	╂	-	-	-	-	-	-	-	-	-	H	-	-	_	H	$\vdash$	$\vdash$	$\vdash$	Н		$\vdash$	Н	┝╼┩	┝╼╏	-+	_
		_	-	<u> </u>	<b> </b>	<b> </b> -	-	-	1	₩	<b>!</b>	-	1	╄-	Ļ_	-	-	-	<u> </u>	_	<b> </b>	-	<u> </u>	$\vdash \mid$		$\vdash$	-	Щ	_	$\sqcup$	Ц			_ļ	_
	L	_	<b>L</b>	_	L	L	<b>L</b>	<u> </u>	L	<b>L</b>	_	L	<b>L</b>	<u>_</u>	L	L	L	<u> </u>			L					Ш	Ш			Ш	Ш				
			L	L	L	L			L			L	Ĺ	<u>i</u>	L		L				L														
			Γ	Γ	Γ	Γ		Γ	Γ						Γ		Γ																		
		Г	Ī	Π	Π	Γ	Т	Γ	Γ	Г		Г		Γ	Π	Γ	Т		Π	Γ	Γ			П	П	П	П			П	П	П	一	一	$\exists$
		1	<b>†</b>	<b>†</b>	1	T	<del>                                     </del>	1	T	<b>†</b>	<b>!</b>	T	<del>                                     </del>	t	T	t	1	Т	1	Т	Г			Н	Н	М	Н	Н		H	H	М	一	7	ㅋ
		<b>-</b>	╁	+	+	<b>+</b>	<del>i</del>	+	$\vdash$	<del>                                     </del>	$\vdash$	<del> </del>	$\vdash$	+	1	1-	+	<del> </del>		-	H	Н		H	H			Н		H	H	┝┤	┥	$\dashv$	$\dashv$
	-	<del> </del>	├-	╀	╀	╀	╀	┝-		-	┡	┝	<del> </del>	╀	┼-	<del> </del>	╁	┞-		-	┞	-		Н	Н	$\vdash$	-	Н		$\vdash\vdash$	Н	$\vdash$	⊢┥	+	-
		-	╀	┞-	╀-	L	┞-	┞	┞		<b>!</b>	$\vdash$	<del> </del>	┞-	┞-	<b>!</b>		▙	<b> </b>	<b> </b>	<b> </b>	<b>-</b> -		Н	Н	H	<b> </b>	$\vdash$	-	┞	Н	$\vdash$	igwdap		_
		_	1	L	L	L	<b> </b> _	L	L	<b>L</b>	<b>L</b>	L	<b>!</b>	<u> </u>	L	<b> </b> _	L	<b>L</b>	<u> </u>	L	<u> </u>	<b>_</b> _		Ш	$\sqcup$	_	<b> </b>	Ш		Ш	Ц	لبإ	Щ		_
		L	L	L	L	L	L	L	L	L	L	L		<u> </u>	L	L	L	L		L	_			Ш	Ш					Ш		Ш	Ш		
					L											<u> </u>	_																Ш		
			Π	Γ	Γ	Γ	Γ	Γ	Γ	Π	Ι	Γ	L	Γ			= :		- ·																

APPENDIX E

REFERENCES

,

•

) 0 0

#### APPENDIX E

#### REFERENCES

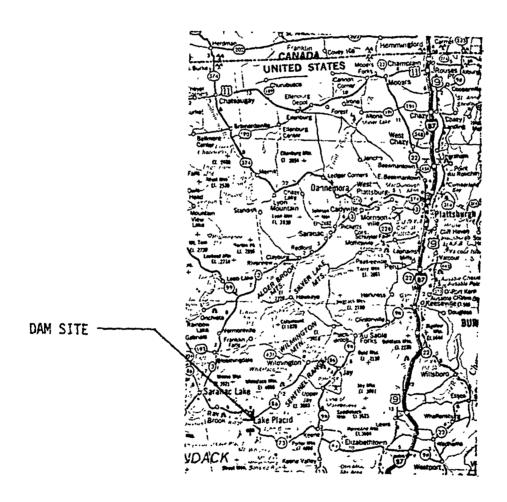
- 1) U.S. Department of Commerce; Weather Bureau;

  Hydrometeorological Report No. 33 Seasonal Variation of the Probable

  Maximum Precipitation East of the 105th Meridian for Areas from 10 to
  1,000 Square Miles and Durations of 6, 12, 24, and 48 Hours, April 1956.
- 2) H.W. King and E.F. Brater, <u>Handbook of Hydraulics</u>, 5th edition, McGraw-Hill, 1963.
- 3) University of the State of New York, <u>Geology of New York</u>, Education Leaflet 20, Reprinted 1973.
- 4) Elwyn E. Seelye, Design, 3rd edition, John Wiley and Sons, Inc., 1960.
- 5) U.S. Department of the Interior, Bureau of Reclamations; Design of Small Dams, 2nd edition (rev. reprint), 1977.

, s

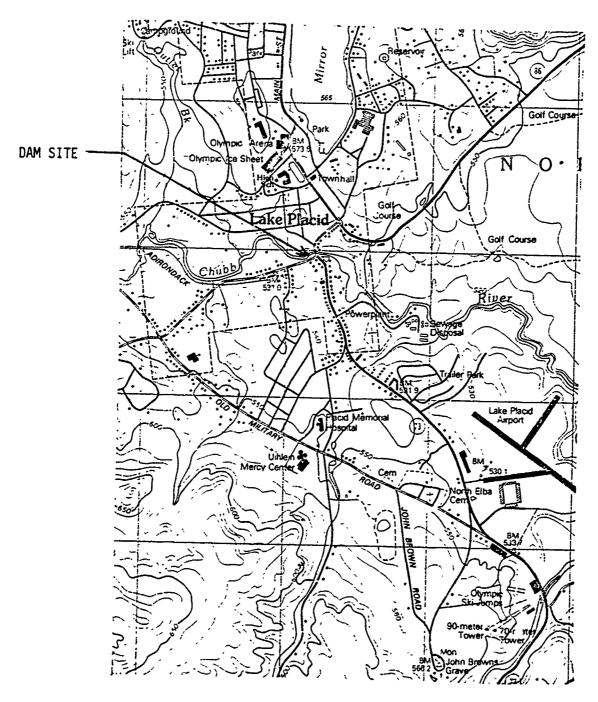
APPENDIX F
DRAWINGS



VICINITY MAP MILL POND DAM I.D. NO. NY 368

Ŀ

The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s



TOPOGRAPHIC MAP MILL POND DAM I.D. NO. NY 368

125

#### NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION ALBANY, NEW YORK 12201

#### APPLICATION FOR PERMIT

FOR THE CONSTRUCTION, RECONSTRUCTION OR PEPAIR OF A DAM OR OTHER IMPOUNDMENT STRUCTURE UNDER ENVIRONMENTAL CONSERVATION LAW, SECTION 15-0503

FOR	DEPARTMENT USE ONLY
Application	No. 5/6-12-0/35-77
Dam No.	2012-4289
Watershed	Alandar

				. –		1 2 2 . 1 . 2 . 1	<del>,</del>
ad instructions on the reverse side be	store complet	ting this application. F					
NAME AND ADDRESS OF APPLICANT First Name M.I.	Last Name	Phone No.	2. NAME AND First Name	ADDRESS OF OWN	iER (If different fi M.I.		t Name
Village of Lake Placid		<u> </u>				·····	·
			Street Add	ress			
301 Main Street			l				
Post Office Sta		Zip Code	Post Office	•	State		Zip Code
Lake Placid New Y		12946	<u> </u>				
TYPE OF PROJECT	1	4. IS STATE-OWNED LAN		5. PROPOSED S		EXPECTED COMP	LETION DATE
	Repair	∐ Yes ∑	No No	May 1,	L977	September	r 30, 1977
DJECT DESCRIPTION	· · · · · · · · · · · · · · · · · · ·						
Stream or Body of Water	County	iTown		(Give diess-	or a seed deserving	from commonly ac	rented land-ort
Chubb River	Essex	1	h Elba	Located	i in the Ne	wman section Lake Plac	on of
LOCATION ON U.S. GEOLOGIC AL SURVE	Y MAP 8. PR	OPOSED USE FOR IMPOU	NDED WATER 3	. STATE THE HEIG	HT ABOVE SPILL	CREST OF THE LOV	VEST PART OF
ake Placid Latitude Longti	Bus	iness Developme		THE IMMEDIATE	UPSTREAM ADJO	INING PROPERTY C	R PROPERTIES
1,0,0,0,0						2	Feet
IS THIS PROPOSED POND OR LAKE PART ( If not, where is nearest downstream public	OF A PUBLIC V	VATER SUPPLY?		EA DRAINING INT	O POND OR LAK	E (Acres or Square	Miles)
	- worer supply	T No	16.5 9	q. miles			
THE DRAINAGE AREA IS COMPOSED OF:	(Total = 100%)		1 20.3 3	de wortes			
83 % Forest% Cropted	4 _ 5 %	Pasture % Other			Suburban Lands		ban Lands
TYPE OF SPILLWAY				S ESTIMATE OF CL		(As described in	
X Service Spillway — Auxiliary Spillw						_	
<b></b>		e with a wooden	☐ C1855	a	lass "b" [	Çjass "c"	
Other	control	gate	NOTE: Prov	ide descriptive in	formation on chai	acter of downstres	ım area.
L SPILLWAY INFLOW DESIGN FLOOD			156 SERVICE S	PILLWAY INFLOW	DESIGN FLOOD	<del></del>	<del></del>
Frequency 50 VT Flood Peak 128			3	=		.f.s. Runoff Volu	.12"/hr.
THE SINGLE SPILLWAY OF AUXILIARY SPIL				<del></del>	·	·	- <del></del>
Vegated Earth Concrete	X Timbe		rb 🗍 was	ionry ] Oth	ner		
MAX MUM VELOCITY MITHIN THE SINGLE OR AUXILIARY SPILLMAY 4.8 f.p.s.	DISCHA	RGE AT DESIGN	1			ON SINGLE SPIL	
PChD OR LAKE WILL BE DRAINED BY WEAD Diversion pipe with woode	NS OF TWATE	R WILL BE SUPPLIED TO A	RIPAR AN CANE	S DOWNSTREAM	NY MEANS OF	HEIGHT OF DAM	
control cate		diversion pipe		<b>-</b>	-		8 Feet
	LEVATION,	sumed Benchmark	SURFACE AREA		VOLUME		
% Top of Dam		1730.5 Feet	7	28 Acres		266	Acres .
'2. Cesign High Water		1729.0 Feet		27 Acres		216	Acre-Feet
3. Sing.e Spillway Crest		Feet	•	Acres			Acre-Feet
4. Ausiliary Spillway Crest		1726.5 Feet		25		137	Acre-Feet .
5. Service Spillway Crest	_	1725.0 Feet		22 Acres		88	Acre-Feet
	OF CONDUIT-		+		<del></del>	OURDED WITH AN	Acre-Feet
Incact Basin X Plunge Pool	Hydraulic Ju	mp Basin Other	11:31 2:241 K		DEVICE, "		NA
. DRAWDOWN TIMES: Answer 1 and 2, or 1,	3 and 4	THINE AND	5 4				:
1. Has provision been made to evacuate 9	C% of the stor	SOCH ALL MAN SECOLO	Minest with	in fourteen days?	Yes No		i
2. Can the single spillway evacuate 75% of	of the storage	between the gandion de	sign high water	and the spillway o	rest within 48 ha	urs?   Yes	No
3. Can the Service Spillway evacuate 75%	of the storage	PAT between the auxiliance	and the	Service Spillway	resis within sev	an days? XI Yes	□No
DRAWDOWN TIMES: Answer 1 and 2, or 1,  1. Has provision been made to evacuate 9  2. Can the single spillway evacuate 75% of 3. Can the Service Spillway evacuate 75% of 3. Can the Service Spillway and the Auxiliarithm 12 hours?    2 ves    No	iary Spittway i	in combination MACC are	the storage being	(()),)	gh water and the	ameliary spillway	- :
-18-2 (\$ /75)		7	LA CUMPER	<del></del>	<del> </del>		
-19-2 (E/75) rmerly NR-36		ENVRONILEY	, I V ™				•

₹, State the character of the bed and benes in respect to natural types of soil materials, hardness, perviousness, water bearing, effect of exposure to air and water, uniformity, etc. er bed soil profile is indicated on the attached soil boring logs. A steel sheet .ut . . i wall is proposed to prevent piping under the dam. A : lk-over reconnaissance of the pond bed indicates that the soils are generally fine sands . .taining a high percentage of silt. The pond should be relatively impervious due to .sposition of sediments from the previous impoundment. arce of embankment full materialist? ere porous seams or fissures by the foundation of the proposed dam? Test Pits And Method used to obtain the above soil data 🕱 Soil Borings Test Pits --GN EN SEED 26. CONSTRUCTION ENGINEER OR CONTRACTOR sency or Individua P.E. License No. of Individual P.E. License No. of Individual Name of Agency of Individual 043732 Spencer F. Thew, P.E./L.S. 043732 Presinew. Address Canton, New York 13617 Same Title STORESS OF OFFICIAL NEWSPAPER OF LOCALITY WHERE PROPOSED WORKS ARE LOCATED The Lake Placid News Box 111, Lake Placid, New York 12946 RTIFICATION 2 Department of Environmental Conservation pursuant to Section 15-0503 of the Environmental Conservation Law allers on is hereby made to icant certifies that the ibove statements are true and agrees that the issuance of the permit is based on the accuracy thereof. As a n to the issuance of a permit, the applicant accepts full legal responsibility for all damage, direct or indirect, of whatever nature,

INSTRUCTIONS

whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits,

1. Type or print in INK.

 Five (5) copies of all papers including detail construction pi -s and specifications must be filed.

rs, damages and costs of every name and description resulting from the said project.

- 3. The plans and specifications submitted with the application must include the following information:
  - (a) A plan showing proposed dam, dam appurtenances, bench marks, topographic contours at dam and around the anticipated reservoir area, including 2-foot contours to 6 feet above high water level.
  - (b) A profile along the dam axis and a transverse section of the dam at its maximum height.
  - (c) A profile along the center line and transverse section, or sections, of the spillways including stilling basins, outlet work, and other details, if necessary, in design of the structures.
  - (d) A topographical plan to a suitable scale showing drainage crea, normal water level in the lake or pond and owners . tperty-line metes and bounds.
  - (e) Specifications for materials and methods of constructions
  - (f) A log of all sail information available to the design engineer or conservationist and location of drill holes, test pits or other foundation exploration, location of barrow erea, harizontal and vertical controls, if necessary.
  - (g) Additional drawings should be included to clearly show all details of the proposed works.

- 4. NO WORK of construction, reconstruction or repairs of the structure or structures SHALL BE STARTED UNTIL A PERMIT therefor has been issued by the New York State Department of Environmental Conservation.
- 5. The design, preparation of plans, estimates and specifications and the supervision of the erection, reconstruction and repair of all the structures herein applied for shall be done by a licensed professional engineer, or in the case of farm pands by an engineer or conservationist employed by a governmental agency cooperating with a seil conservation district, or by an engineer employed by the Department of Environmental Conservation.
- 6. The applicant must publish a "Notice of Application" except for certain minor projects where publication may be dispensed with at the discretion of the Local Permit Agent.
- 7. An information circular "Guidelines for Small Earth Dam Designs" is available upon request from the Department of Environmental Conservation or the Local Permit Agent.

This circular outlines hydrologic design criteria which should be utilized by your design angineer in the preparation of plans for each dam.

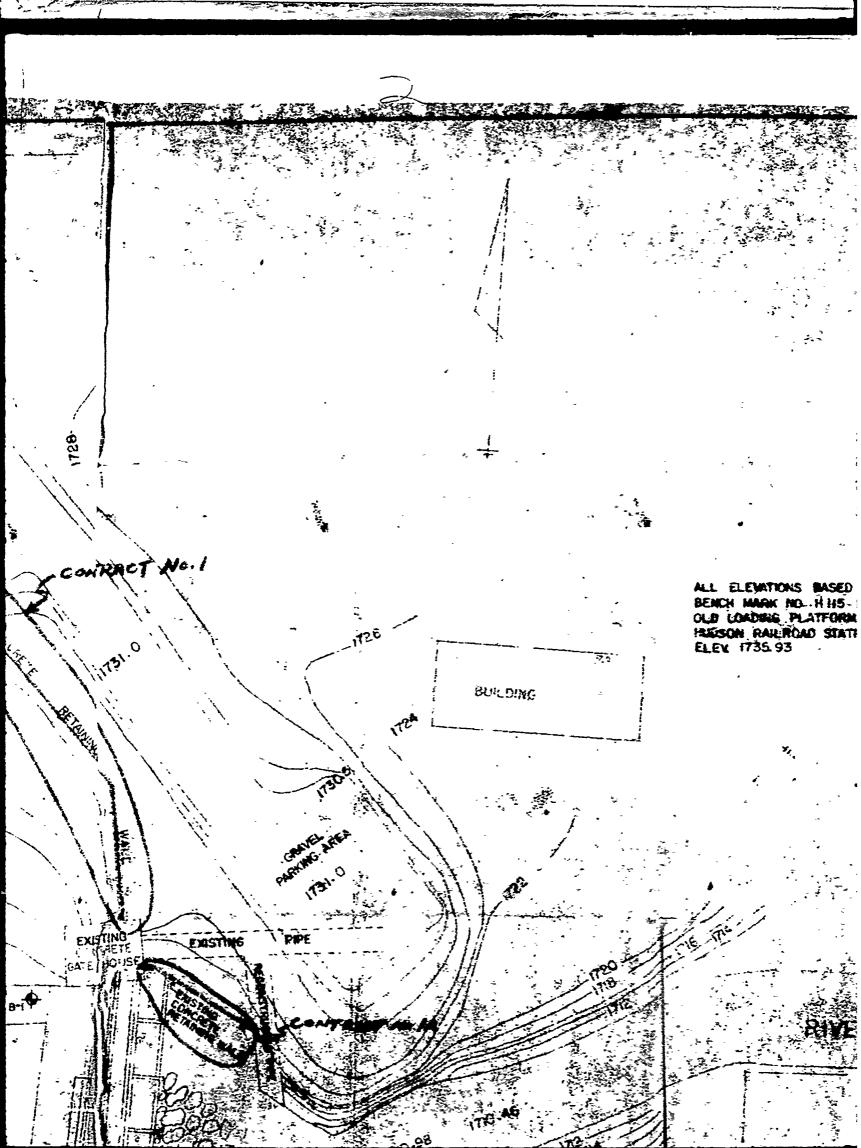
Samples of foundation, embankment and construction meterials need not be furnished unless requested.

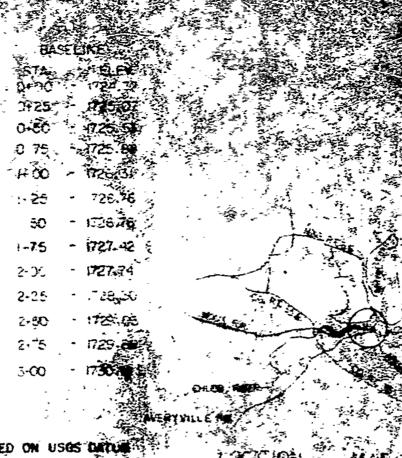
# ATLANTIC TESTING LABORATORY

			U	SU	JBSU	JRFACE IN	VEST	GATION Report No L-159-7-76	•
CL	IENT:_	Mill	Pond Co	ommittee		• • · · · · · · · · · · · · · · · · · ·		Location of Boring See Plan Number E69-A-3-77	-
PR	OJECT	·Mi	11 Pond	Dam				Date, start 7/27/76Finish_1/27/76	
V Fi	Ca: /1 all	ing H	ommer lb: 5.7 : in	s. W	Sam t dl	pler Hammer  140 lbs  30 in  I.D. Casing  H.S. Auger	$\frac{7}{2}$	Ground Water Observations  Date Time Dorth Casing at 127/76 2:45 6.0' 10.0' 10.0' 127/76 4:00 1.5' Out	it .
PEP1H	EASING BLOWS, PT.	BAMPLE NG.	84	(PTM OF MPLE	avek samek	SLIWS ON SAMPLER PER 6" SAMPLER O.D 2"	DEFTH OF CHANGE	CLASSIFICATION OF MATERIAL  F-FINE AND	H1430
- 22-65		_1.	0_0	<u> </u>	ss	1-3-2-4	2.0	Brown cmf SAND; some SILT; trace f GRAVEL; trace ORGANIC (wet, non-	
			2.0	4.0	ss	2-2-1-5		Brown c mf SAND; little SILT; trace mf GRAVEL; trace DECOMPOSED WOOD (wet, non-plastic) FILL	
	8	3	4.0	€.0	ss	9-5-7-8		Brownish Grey onf SAND; little SILT;	
	- Auger	5		9.5		13-14-22-28 16-20-28	8.0	Brownish Grey cnf SAND; trace SILT (wet, non-plastic)	
			10.0	12.0		4-12-22-36	12.0	Ditto	
30	+	7	15.0	16.5	SS	34-43-89	30.0	Brownish Grey cmf SAND; little mf GRAVEL; little STLT (wet, non-plastic Bottom Boring 30.0'	<u>:)</u>
30								Encountered flowing sand at 12'	
								Material increased in denseness with depth from 12 to 30 feet.	
								·	

# ATLANTIC TESTING LABORATORY

					SU	JEST	JRFACE IN	VEST	GATION Report No Little 70	-
CL	JEN	T:	Mil	l Pond C	Committe				Location of Boring See Plan Number E69-A-3-77	•
PA	OJE	CT	- <u>Mil</u>	1 Pond i	Cam			1	Date, start 7/28/76Finish_7/28/76	
Вс	ring	No	B-	2	Sheet_1	0	1 1		Ground Water Observations  Date Time Dopth Casing of	at .
V	7t			cmaret	s. W:	l	pler Hammer 140 lbs	7.	/28/7612:454.0'6.0' /23/763:901.0'Cut	
				7 <u>14.5</u> ir	•	11	30 in I.D. Casing			
	0011			<u> </u>	4	I.D.	H.S. Auger		CLASSIFICATION OF MATERIAL	
H + + H	& ABING	8L0W8/89.	BAMPLE NO.		IPTH OF MPLE	Tank .	\$4491.50 PER	DEPTH OF CHANGE	F FINE AND 25-50".  M MEDIUM SOME 20-13".  C COARSE LITTLS 10-20".	н т е д
		-	·	7408	70	1	0.5		TRACE 218"	<u></u>
			1	0.0	2.0	ss	pushed		Dark Brown SILT; little mf SAUD;	
									trace mf GRAVEL; trace GRGANIC;	
						-		2.0	trace DECOMPOSED WOOD (wet, non-plastic) FILL	
						-			plastic, rim	
			2	2.0	4.0	55	1-1-1-1		Dark Brown SILT; little CPGANIC;	
		_			 	-		4.0	trace mf SAND; trace DECOMPOSED	
		-				<del>  </del>		4.0	WOOD (wet, non-plastic) FILL	
			3	4.0	6.0	SS	1-3-2-1		Dark Brown SILT; little CRGANIC;	
									little mf SILT; trace mf GRAVEL;	
	eye					<del> </del>		6.0	trace GLASS/DECCMFOSED WOOD (saturated, non-plastic) FILL	
	nce					<del> </del> -		0.0	(Sacuraced, Non Diastro, 1733	
			4	6.0	e.o	55	7-5-8-7		Brown comf SAND; little SILT; trace	
		[				<del>                                     </del>		15.0	f GRAVEL (saturated, non-plastic)	
	$\vdash$		5	15.0	16.0	ce	9-38		Dark Brown claf SAND; some SILT;	<u>-</u>
				18.0		_	74-83		little mf GRAVEL (saturated, non-	
									plastic)	
_	4	_				<del> </del> -		35.0		<b></b>
5								33.0	Bottom Soring 35.0'	
									Encountered flowing sand at 12'	
			-			1				<del> </del>
									Material increased in denseness	
		$\Box$							with depth from 15 to 35 feet.	<b> </b>
						-			•	<del> </del>
		-							•	†
_]		4								
	==-			ليسيا				<del> </del>		·



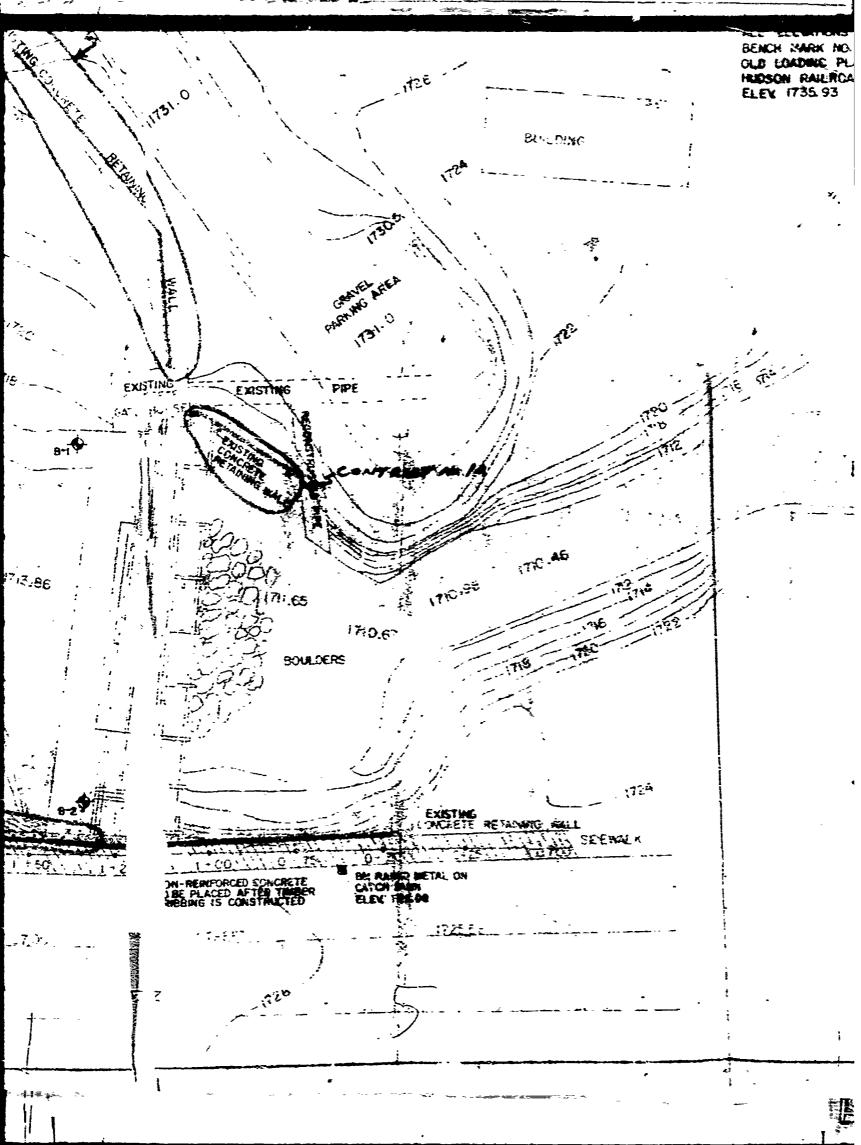


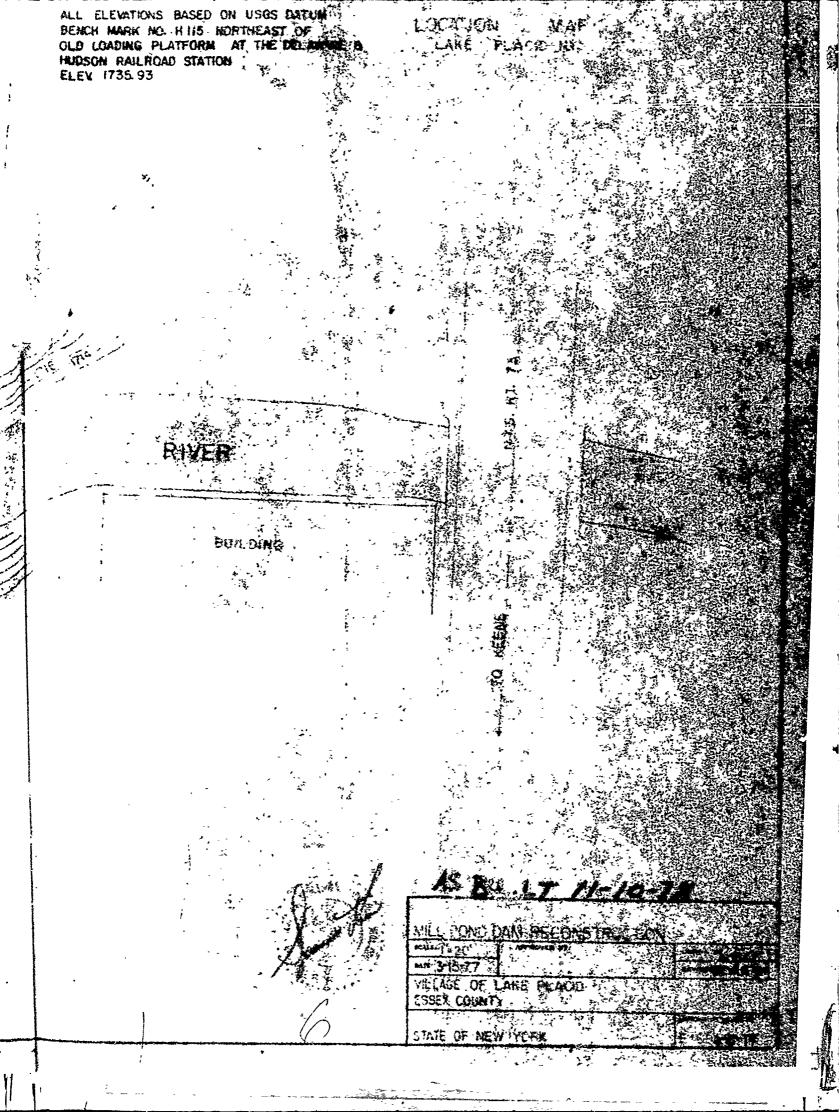
ALL ELEVATIONS BASED ON USES DATUMED BENCH MARK NO. H H5 NORTHEAST OF OLD LOADING PLATFORM AT THE BELLINGS HUSSON RAILROAD STATICH ELEV 1735.93

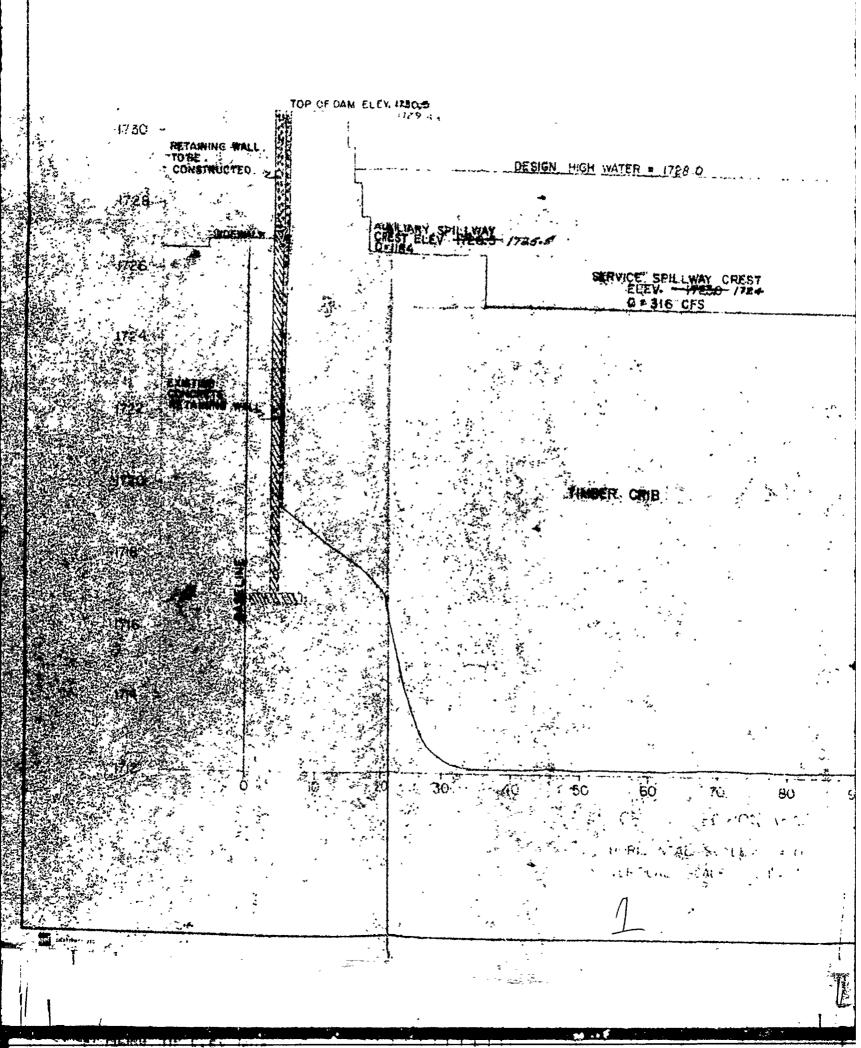
CATION MAP

RIVER

FIRE TERES







Frage - Fra RETAIN TO DEPTH OF FOUNDATION BELOW SURFACE UNKNOWN 110

### AS \$44.17 11.00 TH

roused to have

ME SUNCEAN DECIMENTAL TEMPORAL

BOTH LOGS NUTCHED PERON ENDS

UPSTREAM

Company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the compan 

YES M. TO HELD YE ENDE MOT LAG WEST OFF IT STOPPENS STATES BATERAL MIL ME TROMPETED AND MET AND SERVICE THE MET AND an au "Corona isco beingag Suzem F COMBL NU SOUR EAST AND THE SEE SE SE SE F. 35,4-BY CATHOLICE SE 2116 2000 77 1 mas BR SECTAMORY MEMBERS CONTROL CONTRACTOR

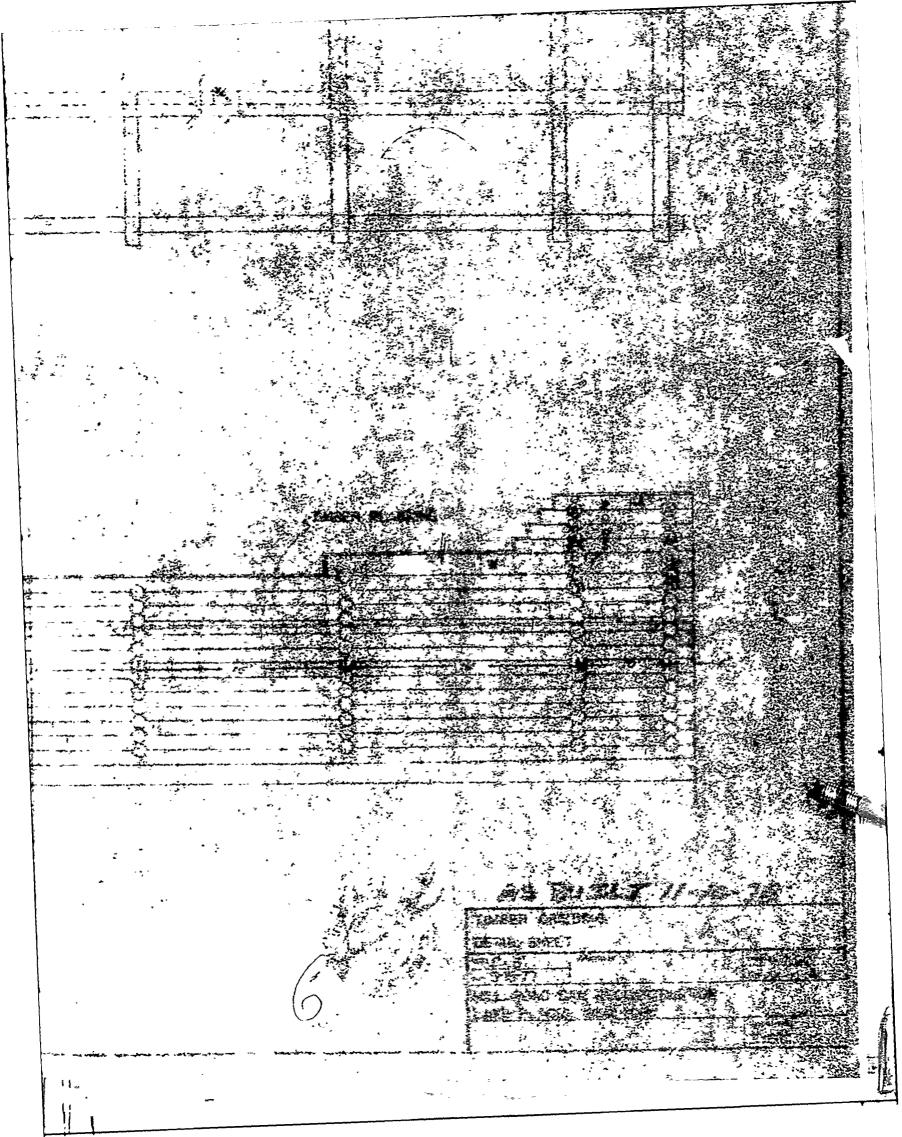
PLAN WEW

EU 133073 .

SPLEX PEC

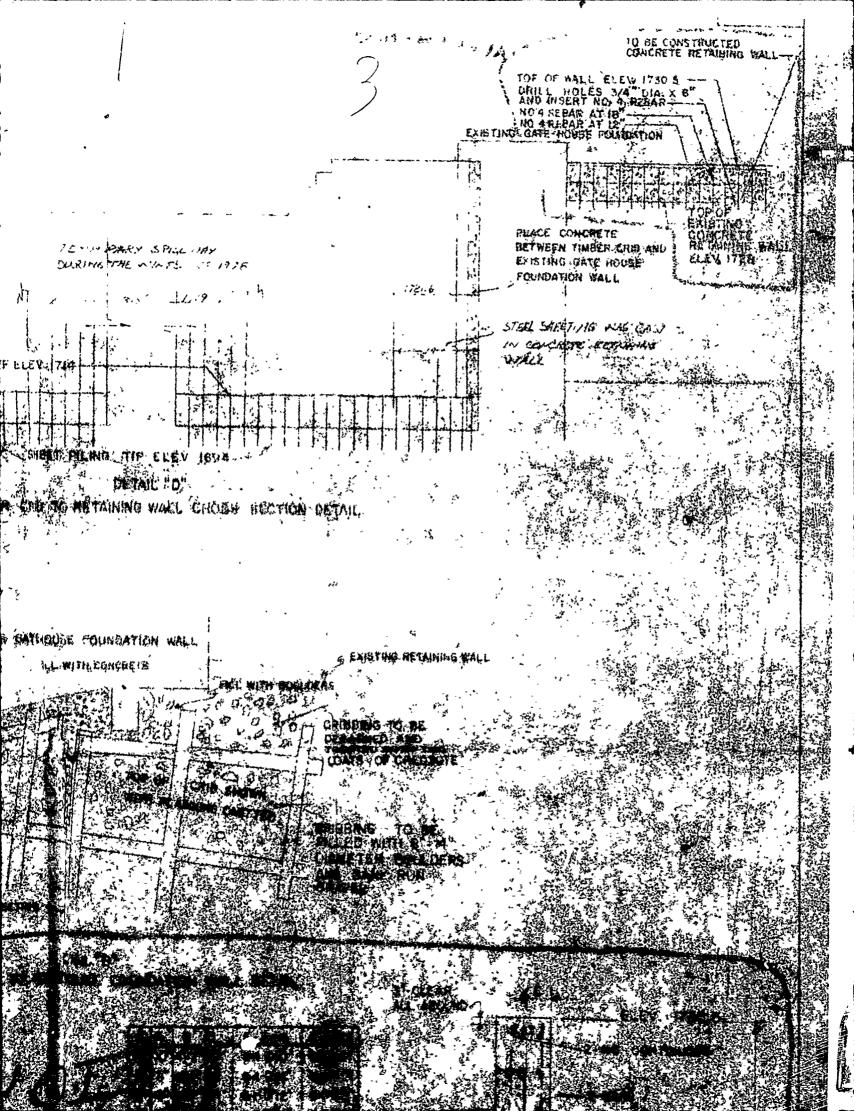
SIEV-77G

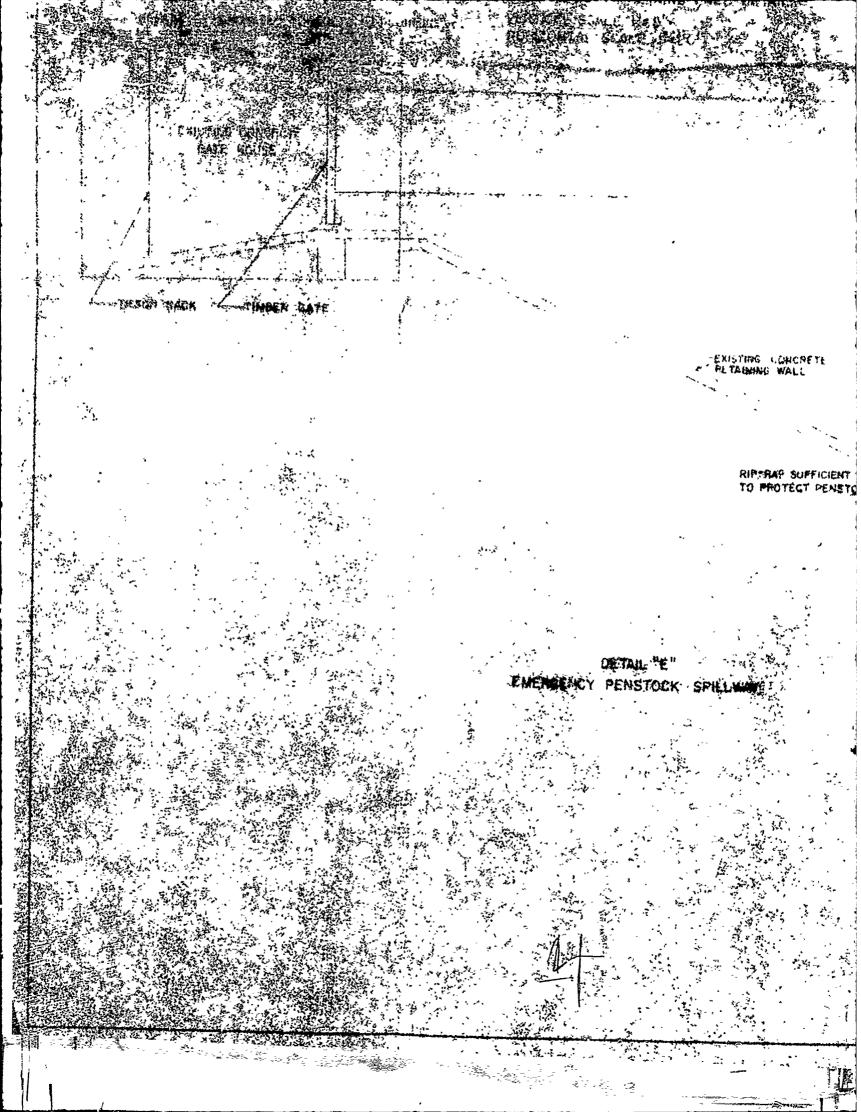
ELEMAN FROM WOMEN



d flow rate with 部 5 門 6機 65 -EXISTING CONCRETE PETABORG WALL RIP, SUFFICIENT TO PROTECT PENETO

DIST NO WAL 20 克 50章在1 FRISTER DALL HELE WE NOT THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTI 318 M. 74 MAT REAR AND THE PROPERTY OF THE PARTY OF TH ENTIRE SUTTOFF ELEV 1764 THIS IS WELL TO EDISTING PENGTOCK EXISTING CATE HOUSE FOUND TH Bit with concre-CUT EXISTING PIPE AND RELIGATE TO-THIS LOGATION LENGTH WITE CETERMINED BY FIELD CONDITIONS CPETE LL





SHEET PLING, TIP ELEV DETAIL "O' TIMBER CHR TO HETAINING WALL THIS IS WHAT TO ACT:14 - 10:45 FRISTING PENATOL'S existing batthouse foundation was : But with concrete Cut existing pipe and religate to this logation length to be determined by field conditions STATE SHIPE THE e-rio auticient Denotect mension 

DETAIL "O" THE TO HETAINING WOLL CITIES HESTION DETAIL this gatehouse foundation wall . Hit all th's Guites is S EXISTING RETAINING WALL CRIBONIG TO BE DENAMED AND THEOTHER STREET E BUILT NO.

HER CHARACTER REPORTS WAS -- 1726 27 1460 1457 HOPEZCHEZ SCALE 1'= 20' ## - TO FOR FUTURE PAR NO A JAK.

